

REFERENCE ONLY

51RV-4/4()/5/5()

VOR/ILS Navigation Receiver

Illustrated Parts Catalog

34-35-10



June 14, 1996

TO: HOLDERS OF 51RV-4/4()/5/5() VOR/ILS NAVIGATION RECEIVER ILLUSTRATED
PARTS CATALOG (523-0768832)

REVISION NO 5 DATED JUN 14/96

HIGHLIGHTS

The attached pages replace existing pages in the Illustrated Parts Catalog. Pages that have been revised are indicated below. Retain this letter of transmittal for future reference.

PAGE NUMBER	DESCRIPTION OF REVISION AND REASON FOR CHANGE	SERVICE BULLETIN	EFFECTIVITY
Title Page	Revised to reflect this revision.		
Record of Revisions, pages 1/2	Revised to reflect this revision.		
List of Effective Pages, pages 1/2	Revised to reflect this revision.		
448, 450, 453, 454, 465, 466, 475, 476, 480, 482	Includes all production changes to the equipment. <u>NOTE:</u> Illustrated Parts List pages are applicable to all equipment configura- tions.		

PUBLICATIONS DEPARTMENT



Collins

51RV-4/4()/5/5()

VOR/ILS Navigation Receiver

Illustrated Parts Catalog

This manual includes coverage of the following equipment:

<i>Model No</i>	<i>Collins Part No</i>
51RV-4	622-3255-001 thru -007
51RV-4B	622-3257-001 thru -013, -101
51RV-4D	622-3259-002, -003, -005
51RV-5	822-0760-001 thru -007
51RV-5B	822-0761-001 thru -013, -101
51RV-5D	822-0762-002, -003, -005

**Collins Air Transport Division
Rockwell International Corporation
Cedar Rapids, Iowa 52498**

Printed in the United States of America

34-35-10 Jun 30/78
5th Revision, Jun 14/96

RECORD OF REVISIONS

[illegible]

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

RECORD OF TEMPORARY REVISIONS

TEMPORARY REV NO	PAGE NUMBER	ISSUE DATE	BY	DATE REMOVED	BY
1	150	Jun 10/80	Collins Air Transport	Mar 1/81	Collins Air Transport
1	209	Jun 10/80	Collins Air Transport	Mar 1/81	Collins Air Transport
1	213	Jun 10/80	Collins Air Transport	Mar 1/81	Collins Air Transport
2	165	May 20/81	Collins Air Transport	May 1/85	Collins Air Transport
3	140	Jan 18/82	Collins Air Transport	May 1/85	Collins Air Transport
4	141	Aug 17/82	Collins Air Transport	May 1/85	Collins Air Transport
4	244	Aug 17/82	Collins Air Transport	May 1/85	Collins Air Transport
5	88	Sep 7/82	Collins Air Transport	May 1/85	Collins Air Transport
5	172	Sep 7/82	Collins Air Transport	May 1/85	Collins Air Transport
5	193	Sep 7/82	Collins Air Transport	May 1/85	Collins Air Transport
5	197	Sep 7/82	Collins Air Transport	May 1/85	Collins Air Transport
6	183	Aug 7/86	Collins Air Transport	Oct 28/94	Collins Air Transport
7	287	Dec 4/86	Collins Air Transport	Oct 28/94	Collins Air Transport
7	288	Dec 4/86	Collins Air Transport	Oct 28/94	Collins Air Transport
8	103	Mar 28/89	Collins Air Transport	Oct 28/94	Collins Air Transport
9	233	Nov 14/90	Collins Air Transport	Oct 28/94	Collins Air Transport
10	197	Oct 8/91	Collins Air Transport		
11	312	Feb 11/92	Collins Air Transport		
11	313	Feb 11/92	Collins Air Transport		
12	295/296	Apr 13/93	Collins Air Transport		
13	163	Mar 8/95	Collins Air Transport		

RECORD OF TEMPORARY REVISIONS

Temporary Revision 13
523-0768832-4D1115

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

SERVICE BULLETIN LIST

SERVICE BULLETIN NO	SUBJECT	MANUAL REVISION NUMBER	MANUAL REVISION DATE
1	Changes three 10 V rated capacitors with 20 V rated capacitors	1	Feb 1/80
2	Changes RNAV output by 180°	1	Feb 1/80
3	Eliminates receiving of a 107.9-MHz FM signal in self-test	1	Feb 1/80
4	Provides a self-test on-course indication when both up/left and down/right switches are activated together.	1	Feb 1/80
5	Eliminates excess ac current drawn in an emergency mode operation	1	Feb 1/80
6	Enables self-test features to be activated from front panel	1	Feb 1/80
7	Increases flag delay times	1	Feb 1/80
8	Improves overall performance	1	Feb 1/80
9	To capture VOR signals from ground stations operating at twice the limits of the FAA and ICAO frequency accuracy specifications	1	Feb 1/80
10	Reduces amount of ac current drawn when large bearing errors exist	1	Feb 1/80
11	Increases to/from flag current and center flag	1	Feb 1/80
13	Corrects power supply latching condition and increases filtering on card A22	1	Feb 1/80
14	Change circuit to assure that all vendor type 4046 PLL CMOS U432 replacements work correctly	2	Mar 1/81

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

SERVICE BULLETIN LIST

SERVICE BULLETIN NO	SUBJECT	MANUAL REVISION NUMBER	MANUAL REVISION DATE
15	New self-test ROM (U601) replaced on card A6	2	Mar 1/81
16	Correct errors in SB 10, thus improving unit reliability	2	Mar 1/81
17	Modify new A14 cards 601-4214-002 or 601-4214-001 by adding diode CR1413	2	Mar 1/81
18	Remove IC sockets from A3, A4, A9, A11, and A12 cards. Use new socket for XU340 on A3 board.	2	Mar 1/81
19	Replacement of program dipswitches with jumper wires	3	May 1/85
20	Reliability improvement of RNAV SIN/COSINE OPAMP's	3	May 1/85
21	Improved humidity performance	3	May 1/85
A22	Ripple on deviation lines	4	Oct 28/94
23	Ripple on deviation lines	4	Oct 28/94
J	ARINC 429 bearing output (converts 622-3257-001 to 622-3257-101)	4	Oct 28/94
24	FM radio signal elimination in self-test	4	Oct 28/94
K	Converts 51RV-4 (622-3255-001) to 51RV-4B (622-3257-001 or -006)	4	Oct 28/94
A25	Reduce bearing drift	4	Oct 28/94
A26	Prevent shorting of receiver VOR lock signal to ground	4	Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

LIST OF EFFECTIVE PAGES

<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>	<u>SUBJECT</u>	<u>PAGE</u>	<u>DATE</u>
Cover		Oct 28/94		318	Blank
Title	*	Jun 14/96		319 thru 326	Oct 28/94
Record of				327	Blank
Revisions	*1	Jun 14/96		328 thru 346	Oct 28/94
	2	Blank		347 thru 400	Oct 28/94
Record of	1	Oct 28/94		401	Blank
Temporary	2	Blank		402 thru 412	Oct 28/94
Revisions				413	Blank
Service Bulletin	1	Oct 28/94		414 thru 418	Oct 28/94
List	2	Oct 28/94		419	Blank
List of Effective	*1	Jun 14/96		420 thru 424	Oct 28/94
Pages	2	Blank		425	Blank
Table of	1	Oct 28/94		426 thru 429	Oct 28/94
Contents	2	Blank		F 430	Oct 28/94
List of	1	Oct 28/94		431 thru 447	Oct 28/94
Illustrations	2	Blank		*448	Jun 14/96
Advisories	1	Oct 28/94		449	Oct 28/94
	2	Blank		*450	Jun 14/96
Illustrated Parts	1 thru 175	Oct 28/94		451	Oct 28/94
Catalog	176	Blank		452	Blank
	177 thru 185	Oct 28/94		F *453	Jun 14/96
	186	Blank		F *454	Jun 14/96
	187 thru 231	Oct 28/94		455 thru 463	Oct 28/94
	232	Blank		464	Blank
	F 233	Oct 28/94		F *465	Jun 14/96
	F 234	Oct 28/94		F *466	Jun 14/96
	235 thru 253	Oct 28/94		467 thru 473	Oct 28/94
	254	Blank		474	Blank
	255	Oct 28/94		*475	Jun 14/96
	F 256	Oct 28/94		*476	Jun 14/96
	257 thru 261	Oct 28/94		477 thru 479	Oct 28/94
	F 262	Oct 28/94		*480	Jun 14/96
	F 263	Oct 28/94		481	Oct 28/94
	F 264	Oct 28/94		*482	Jun 14/96
	265 thru 317	Oct 28/94		483	Oct 28/94
				484	Blank

*The asterisk indicates pages changed, added, or deleted by the current change.

F = Foldout Page

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

TABLE OF CONTENTS

<u>SUBJECT</u>	<u>PAGE</u>
ILLUSTRATED PARTS CATALOG	1
1. Introduction	1
A. How To Use This Illustrated Parts Catalog	1
B. Equipment Designator Index	1
C. Numerical Index	1
D. Alternate Vendor Index	2
E. Detailed Parts List	2
F. Manufacturer's Code, Name, and Address	3
G. Effect Codes	10
2. Equipment Designator Index	12
3. Numerical Index	46
4. Alternate Vendor Index	163
5. Detailed Parts List	177

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

LIST OF ILLUSTRATIONS

<u>FIGURE</u>	<u>PAGE</u>
1 51RV-4/4()/5/5() VOR ILS Receiver	177
2 VOR/LOC Receiver Chassis Assembly	187
3 VOR/ILS Receiver Assembly A1	196
3A VOR/ILS Receiver Assembly A1	231
3B Receiver Circuit Card A1	233
4 Glideslope Receiver Assembly A2	240
4A Glideslope Receiver Assembly A2	252
4B Glideslope Receiver Circuit Card Assembly	255
5 RMI/Power Supply Audio A3	262
6 Digital Instrumentation Circuit Card Assembly A4	282
7 Glideslope Instrumentation Circuit Card Assembly A5	297
8 VOR/ILS Self-Test Circuit Card Assembly A6	306
8A VOR/ILS Self-Test Circuit Card Assembly A6	310
8B VOR/ILS Self-Test Circuit Card Assembly A6	314
9 Expanded ILS Monitor Circuit Card Assembly A7	319
9A Expanded ILS Monitor Circuit Card Assembly A7	328
10 VOR/ILS Instrumentation Circuit Card Assembly A8	333
11 Expanded VOR Monitor Circuit Card Assembly A9	346
11A Expanded VOR Monitor Circuit Card Assembly A9	358
12 Digital Bearing Output Circuit Card Assembly A10	370
13 Programmable Bearing Filter Circuit Card Assembly A11	372
14 RMI Servo Amplifier Circuit Card Assembly A12	375
15 2 x 5 Monitor Circuit Card Assembly A13	378
16 Receiver Interconnect Circuit Card Assembly A14	380
17 Instrumentation Interconnect Circuit Card Assembly A15	386
18 Second Inject Oscillator Circuit Card Assembly A16	387
19 VOR/LOC Self-Test Oscillator Circuit Card Assembly A17	390
20 VOR/LOC Synthesizer Circuit Card Assembly A18	393
21 Glideslope Synthesizer Circuit Card Assembly A19	402
22 Glideslope Second Inject Circuit Card Assembly A20	409
23 Glideslope Self-Test Oscillator Circuit Card Assembly A21	411
24 Serial Tune Circuit Card Assembly A22	414
24A Serial Tune Circuit Card Assembly A22	420
25 Circuit Card Assembly A25	426
26 RMI/Power Supply/Audio Circuit Card Assembly A3	430
27 VOR/ILS Self-Test Circuit Card Assembly A6	441
28 Serial Tune Circuit Card Assembly A22	445
29 VOR Filter Circuit Card A27	448
30 LOC/GLS Filter Circuit Card A28	450
31 RMI/Power Supply/Audio Circuit Card A3	453
32 VOR/ILS Receiver Assembly A1	465
33 VOR/LOC Electrical Frequency Synthesizer A18	472
34 Synthesizer/LOC Circuit Card A18	475
35 2-Pole Bandpass Filter Circuit Card A24	480
36 3-Pole Bandpass Filter Circuit Card A23	482

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ADVISORIES

WARNING: THIS UNIT EXHIBITS A HIGH DEGREE OF FUNCTIONAL RELIABILITY. NEVERTHELESS, USERS MUST KNOW THAT IT IS NOT PRACTICAL TO MONITOR FOR ALL CONCEIVABLE SYSTEM FAILURES, AND HOWEVER UNLIKELY, IT IS POSSIBLE THAT ERRONEOUS OPERATION COULD OCCUR WITHOUT A FAULT INDICATION. THE PILOT HAS THE RESPONSIBILITY TO FIND SUCH AN OCCURRENCE BY MEANS OF CROSS-CHECKS WITH REDUNDANT OR CORRELATED DATA AVAILABLE IN THE COCKPIT.

WARNING: SERVICE PERSONNEL ARE TO OBEY STANDARD SAFETY PRECAUTIONS, SUCH AS WEARING SAFETY GLASSES, TO PREVENT PERSONAL INJURY WHILE INSTALLING OR DOING MAINTENANCE ON THIS UNIT.

WARNING: THIS UNIT MAY HAVE COMPONENTS THAT CONTAIN MATERIALS (SUCH AS BERYLLIUM OXIDE, ACIDS, LITHIUM, RADIOACTIVE MATERIAL, MERCURY, ETC) THAT CAN BE HAZARDOUS TO YOUR HEALTH. IF THE COMPONENT ENCLOSURE IS BROKEN, HANDLE THE COMPONENT IN ACCORDANCE WITH OSHA REQUIREMENTS 29CFR 1910.1000 OR SUPERSEDING DOCUMENTS TO PREVENT PERSONAL CONTACT WITH OR INHALATION OF HAZARDOUS MATERIALS. SINCE IT IS VIRTUALLY IMPOSSIBLE TO DETERMINE WHICH COMPONENTS DO OR DO NOT CONTAIN SUCH HAZARDOUS MATERIALS, DO NOT OPEN OR DISASSEMBLE COMPONENTS FOR ANY REASON.

CAUTION: TURN OFF POWER BEFORE DISCONNECTING ANY UNIT FROM WIRING. DISCONNECTING THE UNIT WITHOUT TURNING POWER OFF MAY CAUSE VOLTAGE TRANSIENTS THAT CAN DAMAGE THE UNIT.



CAUTION: ESDS DEVICES ARE SUBJECT TO DAMAGE BY EXCESSIVE LEVELS OF VOLTAGE AND/OR CURRENT, JUST AS ARE MORE CONVENTIONAL SEMICONDUCTOR DEVICES. HOWEVER, THE PRECAUTIONS NORMALLY USED TO PROTECT SEMICONDUCTORS ARE NOT SUFFICIENT FOR THE PROTECTION OF ESDS COMPONENTS, BECAUSE OF THEIR VERY HIGH ELECTRICAL RESISTANCE. THE LOW-ENERGY SOURCE THAT MOST COMMONLY DESTROYS ESDS DEVICES IS THE HUMAN BODY, WHICH IN CONJUNCTION WITH NONCONDUCTIVE GARMENTS AND FLOOR COVERINGS GENERATES AND RETAINS STATIC ELECTRICITY. IN ORDER TO ADEQUATELY PROTECT ESDS DEVICES, THE DEVICE AND EVERYTHING THAT CONTACTS IT MUST BE BROUGHT TO GROUND POTENTIAL BY PROVIDING A CONDUCTIVE SURFACE AND DISCHARGE PATHS. THE FOLLOWING PRECAUTIONS MUST BE FOLLOWED:

- A. DEENERGIZE OR DISCONNECT ALL POWER, SIGNAL SOURCES, AND LOADS.
- B. PLACE THE UNIT ON GROUNDED CONDUCTIVE WORK SURFACE.
- C. GROUND THE REPAIR OPERATOR THROUGH A CONDUCTIVE WRIST STRAP OR OTHER DEVICE USING A 470-k Ω OR 1-M Ω SERIES RESISTOR TO PROTECT THE OPERATOR.
- D. GROUND ANY TOOLS, SUCH AS SOLDERING EQUIPMENT, THAT WILL CONTACT THE UNIT. CONTACT WITH THE OPERATOR'S HAND PROVIDES A SUFFICIENT GROUND FOR TOOLS THAT ARE OTHERWISE ELECTRICALLY ISOLATED.
- E. WHEN ESDS DEVICES AND ASSEMBLIES ARE NOT IN THE UNIT, THEY SHOULD BE ON THE CONDUCTIVE WORK SURFACE OR IN CONDUCTIVE CONTAINERS. WHEN A DEVICE OR ASSEMBLY IS INSERTED IN OR REMOVED FROM A CONTAINER, THE OPERATOR SHOULD MAINTAIN CONTACT WITH THE CONDUCTIVE PORTION OF THE CONTAINER. DO NOT USE PLASTIC BAGS UNLESS THEY HAVE BEEN IMPREGNATED WITH A CONDUCTIVE MATERIAL.
- F. DO NOT HANDLE ESDS DEVICES UNNECESSARILY OR REMOVE THEM FROM THEIR PACKAGES UNTIL ACTUALLY USED OR TESTED.
- G. TO PREVENT DAMAGE BY TRANSIENT VOLTAGES, ONLY SOLDERING IRONS HAVING ZERO VOLTAGE AT THE TIP SHOULD BE USED.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ILLUSTRATED PARTS CATALOG

1. Introduction

The purpose of this parts catalog, prepared by Collins Air Transport Division of Rockwell International Corporation, is for identification, requisition, and issuance of parts. Parts listed meet critical equipment design specification requirements. Use only part numbers specified in this parts list for replacement of parts.

A. How To Use This Illustrated Parts Catalog

This Illustrated Parts Catalog is broken down into four sections: the Equipment Designator Index, Numerical Index, Alternate Vendor Index, and Detailed Parts List. Refer to appropriate paragraphs below for a description of the four sections and how to use them.

B. Equipment Designator Index

To locate the illustration for a part if the equipment designator is known, refer to the Equipment Designator Index and find the equipment designator; turn to the Detailed Parts List and find the figure and index number indicated in the index.

EQUIPMENT DESIGNATOR Column — Equipment designators are listed in alphanumeric sequence.

FIG-ITEM Column — Digits preceding the dash refer to figure numbers. Digits following the dash are item numbers.

C. Numerical Index

To locate the illustration for a part if the part number is known, refer to the Numerical Index and find the part number. Turn to the Detailed Parts List and find the first figure and index number indicated in the Numerical Index for that part. If this figure shows the part in a section or system of the equipment other than the one desired, refer to the other figure numbers listed in the Numerical Index.

PART NUMBER Column — Part numbers are listed in alphanumeric sequence.

AIRLINE PART NO Column — Part numbers will be included by the airlines as applicable.

FIG-ITEM Column — Digits preceding the dash refer to figure numbers. Digits following the dash are item numbers.

TTL REQ Column — Listed is the total quantity of parts or assemblies covered in the Detailed Parts List.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

D. Alternate Vendor Index

Provides alternate vendor information in addition to vendor listed in the Detailed Parts List. To locate additional vendors, determine the Collins part number and refer to the Alternate Vendor Index. If a part has only one vendor, it is listed in the Detailed Parts List section.

PART NUMBER Column — Part numbers are listed in numeric sequence.

VENDOR PART NO Column — Part numbers will consist of a select-from-range grouping.

VENDOR CODE Column — Corresponding CAGE/FSCM codes are listed.

TTL REQ Column — Listed is the total quantity of parts or assemblies covered in the Detailed Parts List.

E. Detailed Parts List

To locate a part number if the assembly in which the part is used is known, identify the illustration showing the breakdown of the assembly. On illustrations containing the geographical location table, components with reference designators are not keyed. Mechanical components are still shown with a leader line. Locate part using the geographical location table (vertical and horizontal coordinates) or index number on the illustration. Refer to Equipment Designator Index to find the figure and index number for electrical parts. Refer to Detailed Parts List page to determine its description and part number.

FIG-ITEM Column — Digits preceding the dash refer to figure numbers. Digits following the dash are item numbers assigned in sequence to correspond with item numbers on the illustration.

PART NUMBER Column — Listed are MIL standard, vendor, or Collins part numbers. Collins part numbering system consists of 10 digits as follows: a 3-digit family number, a 4-digit serial number, and a 3-digit dash number.

AIRLINE PART NO Column — Part numbers will be included by the airlines as applicable.

INDENT Column — Items are coded 1, 2, 3, etc, to indicate the relationship to the next higher assembly.

NOMENCLATURE Column — Listed are the noun name, modifier, descriptive information, CAGE code (federal manufacturer's code), attaching part, reference to other figures, and effectivities. Effectivities are identified by the following methods:

OR - Interchangeable with any part in the same variant group (original item plus added items listed with letter suffixes).

SUPSD BY/SUPSDS (superseded by/supersedes) - Not interchangeable within variant group (original item plus added items listed with letter suffixes).

MCN (Manufacturer Control Number) - 101 and up.

CI (Configuration Identifier) - 5-digit number.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

REV (Revision Identifier) - Dash (—) denotes original, letter A first change, letter B second change, etc.

One of the previous identifiers may be listed on each chassis and/or replaceable assembly. Service Bulletins are identified by SB 1, SB 2, etc. Electrostatic Discharge Sensitive devices are identified by (ESDS). Refer to the Advisories at the front of the manual for proper handling of these parts.

EFFECT CODE Column — Part variations within a group of equipment are indicated by a letter code (A, B, C, etc). Absence of a code indicates part applies to all models.

UNITS PER ASSY Column — Quantities specified are per item number. Letters AR denote the selection of parts as required. Letters RF refer to an assembly completely assembled on a preceding figure and illustration.

F. Manufacturer's Code, Name, and Address

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
R A2270	SGS SEMICONDUCTOR CORP SCOTTSDALE AZ	00779	AMP INC P O BOX 3608 HARRISBURG PA 17105
R D0009	CALIFORNIA EASTERN LABS 6823 HOBSON VALLEY DR WOODRIDGE IL 60517	R 00853	SANGAMO WESTON INC SANGAMO RD P O BOX 128 PICKENS SC 29671
R D0115	TOMIURA SCREW 494 KIMOKUCHI KUCKI CITY" JAPAN	01121	ALLEN-BRADLEY CO 1201 SOUTH 2ND ST MILWAUKEE WI 53204
R D0116	AGEO-SEIKO SEISAKUSHO 1-7-31 MIDORIOKA AGEOSHI"SAITANA" JAPAN	R 01281	TRW ELECTRONICS AND DEFENSE SE RF DEVICES 14520 AVIATION BLVD LAWNDALE CA 90260-1121
R D0212	FRC COMPONENT PRODUCTS INC COIL DIVISION 1511 SOUTH BENJAMIN AVENUE MASON CITY, IA 50401	01295	TEXAS INSTRUMENTS INC 13500 N CENTRAL EXPRESSWAY P O BOX 225012 M/S 49 DALLAS TX 75265
R K7766	A & SP	01526	GENICOM CORP ONE GENERAL ELECTRIC DR WAYNESBORO VA 22980
R 0BU16	DATA GRAPHICS CORP 3800 PROGRESS BLVD MOUNT DORA FL 32757	R 01686	RCL ELECTRONICS/SHALLCROSS INC SUB OF HIRSCH AND ASSOCIATES I 195 MCGREGOR ST MANCHESTER NH 03102
R 0J948	KEMET ELECTRONICS CORP 6345 BALBOA BLVD SUITE 335 ENCINO CA 91316	02111	SPECTROL ELECTRONICS CORP 17070 E GALE AVE P O BOX 1220 CITY OF INDUSTRY CA 91749
R 0SRA2	INTERCONNECTION PRODUCTS LTD PEVERIL HO, MILL LA CASTLETON SHEFFIELD" SOUTH YORKSHIRE" U K S302WR	R 02114	AMPEREX ELECTRONIC CORP FERROXCUBE DIV 5083 KINGS HWY SAUGERTIES NY 12477
00136	MCCOY ELECTRONICS CO 100 WATTS ST MT HOLLY SPRINGS PA 17065		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
02735	HARRIS SEMICONDUCTOR ROUTE 202 SOMERVILLE NJ 08876	R 07716	TRW INC TRW IRC FIXED RESISTORS/BURLIN BURLINGTON IA 52601
03508	GENERAL ELECTRIC CO SEMI-CONDUCTOR PRODUCTS DEPT W GENESEE ST AUBURN NY 13021	07933	RAYTHEON CO SEMICONDUCTOR DIV HQ 350 ELLIS ST MOUNTAIN VIEW CA 94042
04099	CAPCO INC NO 1 FORESIGHT CIRCLE P O BOX 1028 GRAND JUNCTION CO 81502	R 08289	BLINN DELBERT CO INC THE 1678 E MISSION BLVD P O BOX 2007 POMONA CA 91769
R 04222	AVX CERAMICS DIV OF AVX CORP 19TH AVE SOUTH P O BOX 867 MYRTLE BEACH SC 29577	R 1CH66	SIGNETICS CORP 811 E ARGUES AVE PO BOX 3409 SUNNYVALE CA 94088
R 04264	CIRCON CORP 749 WARD DR SANTA BARBARA CA 93111	R 1ES66	MAXIM INTEGRATED PRODUCTS 120 SAN GABRIEL DRIVE SUNNYVALE CA 94086
04713	MOTOROLA INC SEMICONDUCTOR PRODUCTS SECTOR 5005 E MCDOWELL RD PHOENIX AZ 85008	R 1FN41	ATMEL CORP 2095 RINGWOOD AVE SAN JOSE CA 95131-1703
R 05276	ITT POMONA ELECTRONICS DIV 1500 E 9TH ST P O BOX 2767 POMONA CA 91766	R 10472	RELIABLE INDUSTRIES INC 10724 GARWICK PLACE SOUTH GATE, CA 90280
06090	RAYCHEM CORP 300 CONSTITUTION DRIVE MENLO PARK CA 94025	R 11236	CTS OF BERNE INC 406 PARR ROAD BERNE IN 46711
R 06540	MITE CORP AMATOM ELECTRONIC HARDWARE DIV 446 BLAKE ST NEW HAVEN CT 06515	R 11402	HISONIC INC 249 N TROOST P O BOX 1130 OLATHE KS 66061
06665	PRECISION MONOLITHICS INC SUB OF BOURNS INC 1500 SPACE PARK DR SANTA CLARA CA 95050	R 12014	CHICAGO RIVET AND MACHINE CO 5S731 FRONTENAC RD NAPERVILLE IL 60540
07263	FAIRCHILD CAMERA AND INSTRUMEN 401 ELLIS ST P O DRAWER 7284 MOUNTAIN VIEW CA 94042	12040	NATIONAL SEMICONDUCTOR CORP COMMERCE DR P O BOX 443 DANBURY CT 06810
07388	TOROTEL PRODUCTS INC 13402 S 71 HWY GRANDVIEW MO 64030	12050	BEI MOTION SYSTEMS CO INC DIGITAL PRODUCTS DIV 1100 MURPHY DR MAUMELLE AR 72118
R 07707	USM CORP SUB OF EMHART INDUSTRIES INC 510 RIVER RD SHELTON CT 06484	12615	U S TERMINALS INC 7504 CAMARGO ROAD CINCINNATI OH 45243
		12954	MICROSEMI CORP-SCOTTSDALE 8700 E THOMAS RD P O BOX 1390 SCOTTSDALE AZ 85252

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
12969	UNITRODE CORP 5 FORBES RD LEXINGTON MA 02173	R 15912	T AND B/ANSLEY CORP SUB OF THOMAS AND BETTS CORP 4371 VALLEY BLVD LOS ANGELES CA 90031
12998	QUALITY NAME PLATE INC FISHER HILL RD EAST GLASTONBURY CT 06025	R 16037	SPRUCE PINE MICA CO INC P O BOX 219 SPRUCE PINE NC 28777
13103	THERMALLOY CO INC 2021 W VALLEY VIEW LANE P O BOX 340839 DALLAS TX 75234	R 16428	COOPER BELDEN ELECTRONIC WIRE CABLE NW N ST RICHMOND IN 47374
13499	ROCKWELL INTERNATIONAL CORP COLLINS AVIONICS AND 855 35TH ST NE CEDAR RAPIDS IA 52498	R 16512	CTS FABRI-TEK INC CONNECTOR DIV 9210 SCIENCE CENTER DR NEW HOPE MN 55428
R 13571	ELECTRONIC RESEARCH CO SUB OF Q-TECH CORP P O BOX 913 SHAWNEE MISSION KS 66201	16546	CENTRALAB INC A NORTH AMERICAN PHILIPS CO 4561 COLORADO LOS ANGELES CA 90039
14099	SEMTECH CORP 652 MITCHELL ROAD NEWBURY PARK CA 91320	R 16556	SPECTROL ELECTRONICS CORP 4051 GREYSTONE DRIVE ONTARIO, CA 91761
14433	ITT SEMICONDUCTOR DIV WEST PALM BEACH FL	18324	PHILIPS SEMICONDUCTOR 830 STEWART DR SUNNYVALE CA 94088
R 14552	MICROSEMICONDUCTOR CORP 2830 S FAIRVIEW ST SANTA ANA CA 92704	R 18736	VOLTRONICS CORP WEST ST P O BOX 366 EAST HANOVER NJ 07936
14655	CORNELL-DUBILIER ELECTRONICS DIV OF FEDERAL PACIFIC ELECTRI 150 AVE L NEWARK NJ 07101	18796	MURATA ERIE TECHNOLOGICAL PROD STATE COLLEGE OPERATIONS 1900 W COLLEGE AVE STATE COLLEGE PA 16801
R 14659	SPRAGUE ELECTRIC CO VISALIA CA 93277	R 19505	APPLIED ENGINEERING PRODUCTS 1475 WHALLEY AVE P O BOX A-D NEW HAVEN CT 06525
14936	GENERAL INSTRUMENT CORP DISCRETE SEMI CONDUCTOR DIV 600 W JOHN ST HICKSVILLE NY 11802	R 19701	MEPCO/ELECTRA INC A NORTH AMERICAN PHILIPS CO P O BOX 760 MINERAL WELLS TX 76067
R 15454	AMETEK INC RODAN DIV 2905 BLUE STAR ST ANAHEIM CA 92806	22229	SOLITRON DEVICES INC SEMICONDUCTOR GROUP SAN DIEGO 8808 BALBOA AVE SAN DIEGO CA 92123
R 15542	MINI-CIRCUITS LABORATORY DIV O SCIENTIFIC COMPONENTS CORP 2625 E 14TH ST BROOKLYN NY 11235	22526	DU PONT E I DE NEMOURS AND CO PHOTO PRODUCTS DEPT ROUTE 83 NEW CUMBERLAND PA 17070
15818	TELEDYNE SEMICONDUCTOR INC COM 1300 TERRA BELLA AVE MOUNTAIN VIEW CA 94043		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
R 23730	MARK EYELET AND STAMPING INC 63 WAKELEE RD WOLCOTT CT 06716	R 30153	MURATA ELECTRONICS NORTH AMERICA INC % STAN CLOTHIER COMPANY 1930 ST ANDREWS NE CEDAR RAPIDS, IA 52402
23880	STANFORD APPLIED ENGINEERING I 340 MARTIN AVE SANTA CLARA CA 95050	30343	RADIO COMPONENT CORP 161 EASTERN AVE LYNN MA 01902
24355	ANALOG DEVICES INC RT 1 INDUSTRIAL PK P O BOX 9106 NORWOOD MA 02062	R 30983	MEPCO/ELECTRA INC 11468 SORRENTO VALLEY RD SAN DIEGO CA 92121
R 25088	SIEMENS CORP 186 WOOD AVE S ISELIN NJ 08830	31039	NATIONAL SCREW PRODUCTS CO INC 14401 W 11 MILE RD P O BOX 37115 OAK PARK DETROIT MI 48237
25120	PIEZO TECHNOLOGY INC 2525 SHADER RD P O BOX 7859 ORLANDO FL 32854	R 31433	KEMET ELECTRONICS CORP 2835 KEMET WAY SIMPSON SC 29681
25403	AMPEREX ELECTRONIC CORP SEMICONDUCTOR SOLID STATE AND PROVIDENCE PIKE SLATERSVILLE RI 02876	R 31669	PICO ELECTRONICS INC 453 NORTH MACQUESTEN PKWY MOUNT VERNON NY 10552
26769	MEPCO/ELECTRA INC A NORTH AMERICAN PHILIPS COMPA 5900 AUSTRALIAN AVE WEST PALM BEACH FL 33407	R 32293	HARRIS SEMICONDUCTOR 2450 WALSH AVE SANTA CLARA CA 95051
27014	NATIONAL SEMICONDUCTOR CORP 2900 SEMICONDUCTOR DR SANTA CLARA CA 95051	R 32421	MICROWAVE SEMICONDUCTOR CORP 100 SCHOOL HOUSE ROAD SOMERSET NJ 08873
27264	MOLEX INC 2222 WELLINGTON COURT LISLE IL 60532	R 32997	BOURNS INC TRIMPOT DIV 1200 COLUMBIA AVE RIVERSIDE CA 92507
R 27494	STAFALL INCORPORATED 1468 ELMWOOD AVENUE CRANSTON, RI 02910-3817	R 33062	FERRONICS INC 60 N LINCOLN RD EAST ROCHESTER NY 14445
27735	F-DYNE ELECTRONICS 449 HOWARD AVE BRIDGEPORT CT 06605	33256	HYBRID SYSTEMS CORP SUBURBAN INDUSTRIAL PARK 22 LINNELL CIRCLE BILLERICA MA 01821
28480	HEWLETT-PACKARD CO CORPORATE HQ 3000 HANOVER ST PALO ALTO CA 94304	34333	SILICON GENERAL INC 11651 MONARCH ST GARDEN GROVE CA 92641
28520	HEYCO MOLDED PRODUCTS 1750 BLVD P O BOX 160 KENILWORTH NJ 07033	34335	ADVANCED MICRO DEVICES 901 THOMPSON PL SUNNYVALE CA 94086
R 29990	AMERICAN TECHNICAL CERAMICS DIVISION OF PHASE INDUSTRIES 1 NORDEN LANE HUNTINGTON STATION NY 11746	34371	HARRIS CORP 200 PALM BAY BLVD P O BOX 883 MELBOURNE FL 32901

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
R 4CH66	SIGNETICS % J R SALES ENGINEERING INC 1930 ST ANDREW DRIVE NE CEDAR RAPIDS IA 52402
R 4J937	BOURNS NETWORKS 1400 N 1000 W LOGAN UT 84321
4V792	ROCKWELL INTERNATIONAL CORP COLLINS AIR TRANSPORT DIV 400 COLLINS RD NE CEDAR RAPIDS IA 52498
R 41637	IRC INCORPORATED C/O C H HORNE & ASSOCIATES 4403 1ST AVENUE #411 CEDAR RAPIDS, IA 52402
46384	PENN ENGINEERING AND MFG CORP OLD EASTON RD P O BOX 1000 DANBORO PA 18916
R 49588	SB ELECTRONICS INC 131 S MAIN STREET BARRE, VT 05641
49956	RAYTHEON CO EXECUTIVE OFFICES 141 SPRING ST LEXINGTON MA 02173
R 50101	FREQUENCY SOURCES INC GHZ DIV SUB OF LORAL CORP 16 MAPLE RD SOUTH CHELMSFORD MA 01824
R 50434	HEWLETT-PACKARD CO OPTOELECTRONICS DIV 640 PAGE MILL RD PALO ALTO CA 94304
R 50558	ELECTRONIC CONCEPTS INC 526 INDUSTRIAL WAY WEST EATONTOWN NJ 07724
R 50828	INTERPOINT CORP C/O LORENZ SALES INC 5270 NORTH PARK PLACE NE CEDAR RAPIDS, IA 52402
51406	MURATA ERIE NORTH AMERICA INC GEORGIA OPERATIONS 1148 FRANKLIN RD SE MARIETTA GA 30067
51642	CENTRE ENGINEERING INC 2820 E COLLEGE AVE STATE COLLEGE PA 16801

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
R 51792	COLUMBIA NUT AND BOLT CORP 45 MURRAY ST NEW YORK NY 10007
R 53021	SANGAMO WESTON INC DATA SYSTEMS DIVISION SARASOTA FL
R 53174	APX PLASTICS INC 3423 DALWORTH ST ARLINGTON TX 76011
R 53342	OPT INDUSTRIES INC 300 RED SCHOOL LANE PHILLIPSBURG NJ 08865
54186	MICRO POWER SYSTEMS INC 3100 ALFRED ST SANTA CLARA CA 95050
R 54583	TDK ELECTRONICS CORP 755 EASTGATE BLVD GARDEN CITY NY 11530
54590	RCA CORP DISTRIBUTION AND SPECIAL PRODU BLDG 206-2 CHERRY HILL OFFICES CHERRY HILL NJ 08002
R 55285	BERGQUIST CO INC THE 5300 EDINA INDUSTRIAL BLVD MINNEAPOLIS MN 55435
56289	SPRAGUE ELECTRIC CO 61 SPIT BROOK RD SUITE 305 NASHUA NH 03060
R 56298	DEARBORN ELECTRONICS INC 1221 N HIGHWAY 17/92 LONGWOOD, FL 32750
R 56402	STANDEX ELECTRONICS PAUL SMITH CO 4538 CAMBERWELL RD CINCINNATI OH 45209
R 56845	DALE ELECTRONIC INC 2300 RIVERSIDE BLVD P O BOX 74 NORFOLK NE 68701
R 56866	QUALITY THERMISTOR INC 2096 SOUTH COLE RD SUITE 7 BOISE ID 83705
56878	SPS TECHNOLOGIES INC AEROSPACE & INDUSTRIAL PRODUCT HIGHLAND AVE JENKINTOWN PA 19046

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
R 57582	KAHGAN ELECTRONICS CORP 556 PENINSULA BLVD HEMPSTEAD NY 11550	71286	REXNORD INC SPECIALTY FASTENER DIV 601 RT 46 WEST HASBROUCK HEIGHTS NJ 07604
57863	NORTH AMERICAN SPECIALTIES COR 120-12 28TH AVE FLUSHING NY 11354	71468	ITT CANNON DIV OF INTERNATIONAL TELEPHONE 666 E DYER RD SANTA ANA CA 92702
R 57996	FILTER RESEARCH CORP 8 MARBLEHEAD ST NORTH ANDOVER MA 01845	72136	ELECTRO MOTIVE CORP SUBSIDIARY OF INTERNATIONAL ELECTRONICS CORP FLORENCE SC
58614	COMMUNICATIONS INSTRUMENTS INC HWY 74 EAST P O BOX 520 FAIRVIEW NC 28730	72962	AMERACE CORP ESNA DIV 2330 VAUXHALL RD UNION NJ 07083
59660	TUSONIX INC 2155 N FORBES BLVD SUITE 107 TUCSON AZ 85745	72982	ERIE SPECIALTY PRODUCTS INC 645 W 11TH ST ERIE PA 16512
R 60496	MICREL INC 1235 MIDAS WAY SUNNYVALE CA 94086	73138	BECKMAN INSTRUMENTS INC BECKMAN ELECTRONIC TECHNOLOGIE 2500 HARBOR BLVD FULLERTON CA 92634
R 61102	PUREX CORP 24600 S MAIN ST P O BOX 6200 CARSON CA 90749	73386	FREED TRANSFORMER CO INC 1718 WIERFIELD ST RIDGEWOOD QUEENS NY 11385
61306	SILVERED ELECTIONIC MICA CO IN RT 6 WILLIMANTIC CT 06226	74921	ITEN INDUSTRIES 4001 BENEFIT AVE P O BOX 9 ASHTABULA OH 44004
R 61957	USM CORP SUB OF EMHART INDUSTRIES INC 140 FEDERAL ST BOSTON MA 02107	75378	CTS KNIGHTS INC 400 REIMANN AVE SANDWICH IL 60548
64155	LINEAR TECHNOLOGY CORP 1630 MC CARTHY BLV MILPITAS CA	77147	PATTON-MACGUYER CO DIV OF AVID CORP 17 VIRGINIA AVE PROVIDENCE RI 02905
R 65786	CYPRESS SEMICONDUCTOR CORP 3901 N 1ST ST SAN JOSE CA 95134	R 77250	ALLIED PRODUCTS CORP PHEOLL MFG CO DIV 5700 W ROOSEVELT RD CHICAGO IL 60650
R 7D893	FAIRCHILD SEMICONDUCTOR CORP SUB OF SCHLUMBERGER LTD 333 WESTERN AVE S SOUTH PORTLAND ME 04106	R 78189	ILLINOIS TOOL WORKS INC SHAKEPROOF DIVISION ST CHARLES ROAD ELGIN IL 60120
70318	ALLMETAL SCREW PRODUCTS CO INC 821 STEWART AVE GARDEN CITY NY 11530	79136	WALDES KOHINOOR INC 47-16 AUSTEL PLACE LONG ISLAND CITY NY 11101
R 71279	INTERCONNECTION PRODUCTS INC 2601 S GARNSEY ST SANTA ANA CA 92707		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>	<u>MFR CODE</u>	<u>MANUFACTURER'S NAME AND ADDRESS</u>
79807	WROUGHT WASHER MFG INC 2100 S BAY ST MILWAUKEE WI 53207	93108	DURALITH CORP 525 ORANGE ST MILLVILLE NJ 08332
R 79963	ZIERICK MFG CO RADIO CIRCLE MT KISCO NY 10549	93790	CORNELL-DUBILIER ELECTRONICS DIV FEDERAL PACIFIC ELECTRIC C 1605 RODNEY FRENCH BLVD NEW BEDFORD MA 02741
R 80031	MEPCO/ELECTRA INC 22 COLUMBIA RD MORRISTOWN NJ 07960	93958	REPUBLIC ELECTRONICS CORP 176 E 7TH ST PATERSON NJ 07524
80205	NATIONAL AEROSPACE STD (NAS)	94222	SOUTHCO INC 210 N BRINTON LAKE RD CONCORDVILLE PA 19331
80223	UNITED TRANSFORMER CORP SUB OF OPT INDUSTRIES INC 150 VARICK ST NEW YORK NY 10013	R 95121	QUALITY COMPONENTS INC RT 1 RTE 120 P O BOX 113 ST MARYS PA 15857
80294	BOURNS INSTRUMENTS INC 1200 COLUMBIA AVE RIVERSIDE CA 92506	R 95275	VITRAMON INC BOX 544 BRIDGEPORT CT 06601
81073	GRAYHILL INC 561 HILLGROVE AVE P O BOX 373 LA GRANGE IL 60525	R 96095	AVX CERAMICS DIV OF AVX CORP SENECA AVE OLEAN NY 14760
81348	FEDERAL SPECIFICATIONS	R 96341	MICROWAVE ASSOCIATES INC NORTHWEST INDUSTRIAL PARK SOUTH AVE BURLINGTON MA 01803
81349	MILITARY SPECIFICATIONS (MIL)	96906	MILITARY STANDARDS (MS)
81350	JOINT ARMY NAVY (JAN)	98291	SEAELECTRO CORP BLCC ELECTRONICS 40 LINDEMAN DR TRUMBULL CT 06611
R 88245	WINCHESTER ELECTRONICS LITTON SYSTEMS-USECO DIV 13536 SATICOY ST VAN NUYS CA 91409	98978	INTERNATIONAL ELECTRONIC RESEA 135 W MAGNOLIA BLVD P O BOX 7704 BURBANK CA 91510
R 9Y976	ITW SWITCHES DIV OF ILLINOIS TOOL WORKS INC 6615 W IRRING PARK RD CHICAGO IL 60634	R 98996	OLYMPIC FASTENING SYSTEMS INC SUBSIDIARY OF ARMCO INC 11445 S DOLAN ST DOWNEY CA 90241
R 91293	JOHANSON MFG CO ROCKWAY VALLEY RD BOONTON NJ 07005	R 99378	ATLEE OF DELAWARE INC 1 GILL ST WOBURN MA 01801
91314	LEWIS SPRING AND MFG CO 2652 W NORTH AVE CHICAGO IL 60647	R 99800	AMERICAN PRECISION INDUSTRIES DELEVAN DIV 270 QUAKER RD EAST AURORA NY 14052
91506	AUGAT INC TECHNICAL CERAMICS DIV 87 JOHN DIETSCH SQ ATTLEBORO FALLS MA 02763		
R 91637	DALE ELECTRONICS INC 1122 23RD ST P O BOX 609 COLUMBUS NE 68601		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

G. Effect Codes

<u>EFFECT CODE</u>	<u>UNIT PART NUMBER</u>	<u>FIG-ITEM</u>
A	622-3255-001	1-1A
B	622-3255-002	1-1B
C	622-3255-003	1-1C
D	622-3255-004	1-1D
E	622-3255-006	1-1E
F	622-3257-001	1-1F
G	622-3257-002	1-1G
H	622-3257-003	1-1H
J	622-3257-004	1-1J
K	622-3257-005	1-1K
L	622-3257-006	1-1L
M	622-3257-007	1-1M
N	622-3257-008	1-1N
P	622-3257-009	1-1P
Q	622-3257-010	1-1Q
R	622-3257-011	1-1R
S	622-3255-007	1-1S
T	622-3259-003	1-1T
U	622-3259-002	1-1U
V	622-3259-005	1-1V
W	622-3255-005	1-1W
X	622-3257-012	1-1X
Y	622-3257-013	1-1Y
Z	622-3257-101	1-1Z
AA	822-0760-001	1-2A
AB	822-0760-002	1-2B
AC	822-0760-003	1-2C

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

<u>EFFECT CODE</u>	<u>UNIT PART NUMBER</u>	<u>FIG-ITEM</u>
AD	822-0760-004	1-2D
AE	822-0760-006	1-2E
AF	822-0761-001	1-2F
AG	822-0761-002	1-2G
AH	822-0761-003	1-2H
AJ	822-0761-004	1-2J
AK	822-0761-005	1-2K
AL	822-0761-006	1-2L
AM	822-0761-007	1-2M
AN	822-0761-008	1-2N
AP	822-0761-009	1-2P
AQ	822-0761-010	1-2Q
AR	822-0761-011	1-2R
AS	822-0760-007	1-2S
AT	822-0762-003	1-2T
AU	822-0762-002	1-2U
AV	822-0762-005	1-2V
AW	822-0760-005	1-2W
AX	822-0761-012	1-2X
AY	822-0761-013	1-2Y
AZ	822-0761-101	1-2Z

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

2. Equipment Designator Index

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
A1	1-6	A1C108	32-205	A1C26	32-249
A1	1-6A	A1C109	32-205	A1C27	3B-21
A1	1-6B	A1C11	3B-213	A1C27	32-249
A1	1-6C	A1C11	32-249	A1C28	3B-221
A1	1-6D	A1C110	32-205	A1C28	32-249
A1	1-6E	A1C111	32-205	A1C29	3B-23
A1	1-6F	A1C112	32-249	A1C29	32-249
A1	1-6G	A1C113	32-245	A1C3	3B-19
A1	1-6H	A1C114	32-201	A1C3	32-249
A1	1-6J	A1C115	32-249	A1C30	3B-21
A1	3-1A	A1C116	32-247	A1C30	32-249
A1	3-1B	A1C117	32-247	A1C3002	3B-107
A1	3-1C	A1C118	32-247	A1C3002	32-47
A1	3-1D	A1C119	32-247	A1C3004	3B-107
A1	3A-1	A1C12	3B-221	A1C3004	32-47
A1	3A-5	A1C12	32-249	A1C3005	3B-107
A1	3B-1	A1C120	32-247	A1C3005	32-47
A1	32-1	A1C121	32-247	A1C3007	3B-107
A1CR1	3B-67	A1C122	32-247	A1C3007	32-47
A1CR1	32-101	A1C123	32-247	A1C3010	3B-107
A1CR10	3B-67	A1C124	32-261	A1C3010	32-47
A1CR11	3B-67	A1C13	3B-221	A1C3012	3B-107
A1CR12	3B-231	A1C13	32-197	A1C3012	32-47
A1CR13	3B-231	A1C14	3B-25	A1C3013	3B-107
A1CR14	3B-231	A1C14	32-257	A1C3013	32-47
A1CR15	3B-231	A1C15	3B-21	A1C3015	3B-107
A1CR16	3B-233	A1C15	32-243	A1C3015	32-47
A1CR17	3B-67	A1C16	3B-221	A1C3018	3B-107
A1CR19	3B-233	A1C16	32-209	A1C3018	32-47
A1CR2	3B-67	A1C17	3B-199	A1C3020	3B-107
A1CR2	32-105	A1C17	32-249	A1C3020	32-47
A1CR21	3B-233	A1C18	3B-217	A1C3023	3B-107
A1CR3	32-105	A1C18	32-193	A1C3023	32-47
A1CR4	3B-67	A1C19	3B-221	A1C3026	3B-107
A1CR4	32-103	A1C19	32-197	A1C3026	32-47
A1CR5	32-103	A1C2	3B-27	A1C3028	3B-107
A1CR6	3B-67	A1C2	32-193	A1C3028	32-47
A1CR6	32-105	A1C20	3B-213	A1C3029	3B-107
A1CR7	3B-67	A1C20	32-199	A1C3029	32-47
A1CR8	3B-67	A1C21	3B-211	A1C3031	3B-107
A1CR9	3B-67	A1C21	32-197	A1C3031	32-47
A1C1	3B-19	A1C22	3B-211	A1C3034	3B-107
A1C1	32-191	A1C22	32-197	A1C3034	32-47
A1C1	32-213	A1C23	3B-205	A1C3036	3B-107
A1C10	3B-21	A1C23	32-249	A1C3036	32-47
A1C10	32-249	A1C24	3B-21	A1C31	3B-205
A1C100	32-193	A1C24	32-249	A1C31	32-203
A1C102	32-205	A1C25	3B-215	A1C32	3B-21
A1C103	32-203	A1C25	32-249	A1C32	32-205
A1C107	32-197	A1C26	3B-221	A1C33	3B-21

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
A1C33	32-203	A1C57	3B-227	A1C8	3B-203
A1C34	3B-21	A1C57	32-203	A1C8	32-249
A1C34	32-249	A1C58	3B-209	A1C80	3B-219
A1C35	3B-205	A1C58	32-191	A1C80	32-253
A1C35	32-195	A1C59	3B-225	A1C81	3B-229
A1C36	3B-221	A1C59	32-203	A1C81	32-253
A1C36	32-249	A1C6	3B-17	A1C82	3B-219
A1C37	3B-21	A1C6	32-249	A1C82	32-205
A1C37	32-209	A1C60	3B-235	A1C83	3B-219
A1C38	3B-221	A1C60	32-191	A1C83	32-205
A1C38	32-207	A1C61	3B-227	A1C84	3B-219
A1C39	3B-21	A1C61	32-203	A1C84	32-243
A1C39	32-209	A1C62	3B-205	A1C85	3B-229
A1C4	3B-29	A1C62	32-191	A1C85	32-249
A1C4	32-223	A1C63	3B-221	A1C86	3B-219
A1C4	32-249	A1C63	32-191	A1C86	32-205
A1C40	3B-17	A1C64	3B-213	A1C87	3B-213
A1C40	32-203	A1C64	32-203	A1C87	32-255
A1C41	3B-21	A1C65	3B-219	A1C88	3B-21
A1C41	32-203	A1C65	32-203	A1C88	32-197
A1C42	3B-21	A1C66	3B-219	A1C89	3B-21
A1C42	32-249	A1C66	32-203	A1C89	32-201
A1C43	3B-205	A1C67	3B-213	A1C9	3B-215
A1C43	32-203	A1C67	32-203	A1C9	32-249
A1C44	3B-221	A1C68	3B-227	A1C90	3B-205
A1C44	32-203	A1C68	32-203	A1C90	32-201
A1C45	3B-21	A1C69	3B-213	A1C91	3B-21
A1C45	32-203	A1C69	32-251	A1C92	3B-213
A1C46	3B-21	A1C7	3B-21	A1C92	32-205
A1C46	32-185	A1C7	32-217	A1C93	3B-223
A1C47	3B-221	A1C7	32-249	A1C93	32-205
A1C47	32-189	A1C70	3B-225	A1C94	32-205
A1C48	3B-205	A1C70	32-189	A1C95	3B-235
A1C48	32-185	A1C71	3B-207	A1C95	32-205
A1C49	3B-221	A1C71	32-189	A1C96	32-205
A1C49	32-189	A1C72	3B-225	A1C97	32-205
A1C5	3B-27	A1C72	32-245	A1C98	32-205
A1C5	32-249	A1C73	3B-227	A1C99	32-249
A1C50	3B-21	A1C73	32-189	A1FL1	3B-41
A1C51	3B-21	A1C74	3B-213	A1FL1	32-85
A1C51	32-189	A1C74	32-201	A1J1401	3B-71
A1C52	3B-221	A1C75	3B-201	A1J1401	32-109
A1C53	3B-221	A1C75	32-195	A1L1	3B-35
A1C53	32-189	A1C76	3B-219	A1L1	32-241
A1C54	3B-21	A1C76	32-197	A1L10	3B-33
A1C54	32-191	A1C77	3B-219	A1L10	32-229
A1C55	3B-235	A1C77	32-197	A1L11	3B-33
A1C55	32-203	A1C78	32-253	A1L11	32-235
A1C56	3B-225	A1C79	3B-229	A1L12	3B-33
A1C56	32-203	A1C79	32-253	A1L12	32-235

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A1L13	3B-35	A1R10	32-119	A1R17	3B-185
A1L13	32-235	A1R100	3B-159	A1R17	32-163
A1L14	32-235	A1R100	32-119	A1R18	3B-167
A1L15	32-231	A1R101	3B-137	A1R18	32-145
A1L16	32-233	A1R101	32-119	A1R19	3B-167
A1L2	3B-35	A1R102	3B-177	A1R19	32-167
A1L2	32-241	A1R102	32-145	A1R2	3B-129
A1L3	3B-35	A1R103	3B-155	A1R2	32-119
A1L3	32-225	A1R103	32-119	A1R20	3B-171
A1L4	3B-111	A1R104	3B-169	A1R20	32-125
A1L4	32-79	A1R104	32-165	A1R21	3B-135
A1L5	3B-113	A1R105	3B-167	A1R21	32-167
A1L5	32-227	A1R105	32-137	A1R22	3B-179
A1L6	3B-33	A1R106	3B-151	A1R22	32-167
A1L6	32-227	A1R106	32-129	A1R23	3B-177
A1L7	3B-109	A1R107	3B-167	A1R23	32-167
A1L7	32-227	A1R107	32-163	A1R24	3B-177
A1L8	3B-109	A1R108	3B-179	A1R24	32-125
A1L8	32-233	A1R108	32-163	A1R25	3B-155
A1L9	3B-31	A1R109	3B-179	A1R25	32-125
A1L9	32-81	A1R109	32-163	A1R26	3B-145
A1L95	32-227	A1R11	3B-179	A1R26	32-125
A1P1	3B-69	A1R11	32-119	A1R27	3B-135
A1P1	32-107	A1R110	3B-183	A1R27	32-125
A1Q1	3B-63	A1R110	32-157	A1R28	3B-145
A1Q1	32-91	A1R111	3B-79	A1R28	32-167
A1Q10	3B-57	A1R111	32-157	A1R29	3B-115
A1Q10	32-95	A1R112	3B-177	A1R29	32-119
A1Q11	3B-55	A1R112	32-145	A1R3	3B-139
A1Q11	32-95	A1R113	3B-95	A1R3	32-167
A1Q12	32-95	A1R113	32-263	A1R30	3B-117
A1Q2	3B-61	A1R114	3B-133	A1R30	32-119
A1Q2	32-99	A1R114	32-265	A1R31	3B-171
A1Q3	3B-61	A1R115	3B-153	A1R31	32-119
A1Q3	32-99	A1R115	32-267	A1R32	3B-143
A1Q4	3B-61	A1R119	3B-187	A1R32	32-159
A1Q4	32-97	A1R12	3B-167	A1R33	3B-143
A1Q5	3B-61	A1R12	32-177	A1R33	32-163
A1Q5	32-97	A1R120	3B-155	A1R34	3B-179
A1Q6	3B-61	A1R121	3B-189	A1R34	32-161
A1Q6	32-99	A1R122	3B-191	A1R35	3B-167
A1Q7	3B-61	A1R123	3B-153	A1R35	32-151
A1Q7	32-99	A1R13	3B-177	A1R36	3B-167
A1Q8	3B-59	A1R13	32-147	A1R36	32-165
A1Q8	32-95	A1R14	3B-177	A1R37	3B-167
A1Q9	3B-59	A1R14	32-177	A1R37	32-125
A1Q9	32-93	A1R15	3B-175	A1R38	3B-167
A1R1	3B-129	A1R15	32-135	A1R38	32-119
A1R1	32-119	A1R16	3B-177	A1R39	3B-81
A1R10	3B-83	A1R16	32-119	A1R39	32-163

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A1R4	3B-75	A1R62	32-119	A1R86	3B-163
A1R4	32-125	A1R63	3B-131	A1R86	32-141
A1R40	3B-83	A1R63	32-175	A1R87	3B-179
A1R40	32-163	A1R64	3B-161	A1R87	32-153
A1R41	3B-179	A1R64	32-175	A1R88	3B-179
A1R41	32-119	A1R65	3B-141	A1R88	32-163
A1R42	3B-135	A1R65	32-175	A1R89	3B-165
A1R42	32-163	A1R66	3B-163	A1R89	32-111
A1R43	3B-135	A1R66	32-175	A1R9	3B-167
A1R43	32-119	A1R67	3B-175	A1R9	32-131
A1R44	3B-123	A1R67	32-175	A1R90	3B-149
A1R44	32-125	A1R68	3B-179	A1R90	32-111
A1R45	3B-123	A1R68	32-145	A1R91	3B-165
A1R45	32-163	A1R69	3B-149	A1R91	32-117
A1R46	3B-123	A1R69	32-145	A1R92	3B-157
A1R46	32-119	A1R7	3B-181	A1R92	32-119
A1R47	3B-123	A1R7	32-181	A1R93	3B-163
A1R47	32-119	A1R70	3B-161	A1R93	32-113
A1R48	3B-127	A1R70	32-115	A1R94	3B-179
A1R48	32-121	A1R71	3B-149	A1R94	32-183
A1R49	3B-173	A1R71	32-145	A1R95	3B-149
A1R49	32-163	A1R72	3B-167	A1R95	32-187
A1R5	3B-179	A1R72	32-145	A1R96	3B-167
A1R5	32-173	A1R73	3B-167	A1R96	32-187
A1R50	3B-167	A1R73	32-133	A1R97	3B-163
A1R50	32-163	A1R74	3B-161	A1R97	32-145
A1R51	3B-125	A1R74	32-171	A1R98	3B-163
A1R51	32-119	A1R75	3B-149	A1R98	32-145
A1R52	3B-125	A1R75	32-143	A1R99	3B-163
A1R52	32-157	A1R76	3B-163	A1R99	32-119
A1R53	3B-167	A1R76	32-145	A1TP12	3B-239
A1R53	32-123	A1R77	3B-167	A1T1	32-237
A1R54	3B-155	A1R77	32-143	A1U1	3B-47
A1R54	32-119	A1R78	3B-149	A1U10	3B-43
A1R55	32-119	A1R78	32-145	A1U10	32-215
A1R56	3B-123	A1R79	32-163	A1U11	32-221
A1R56	32-119	A1R8	3B-147	A1U12	32-215
A1R57	3B-141	A1R8	32-139	A1U13	32-215
A1R57	32-125	A1R80	3B-163	A1U2	3B-49
A1R58	3B-159	A1R80	32-155	A1U2	32-219
A1R58	32-125	A1R81	3B-179	A1U3	3B-43
A1R59	3B-167	A1R81	32-149	A1U3	32-239
A1R59	32-121	A1R82	3B-179	A1U4	3B-43
A1R6	3B-173	A1R82	32-129	A1U5	3B-53
A1R6	32-169	A1R83	3B-165	A1U5	32-211
A1R60	3B-155	A1R83	32-171	A1U6	3B-51
A1R60	32-179	A1R84	3B-179	A1U6	32-215
A1R61	3B-121	A1R84	32-161	A1U7	3B-45
A1R61	32-119	A1R85	3B-165	A1U8	3B-41
A1R62	3B-145	A1R85	32-127	A1U8	32-89

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A1U9	3B-39	A17	19-1B	A18C1842	34-99
A1U9	32-87	A17	32-9	A18C1843	34-99
A1VR1	3B-66	A18	3-300	A18C1844	34-99
A1VR3	3B-65	A18	3-300A	A18C1845	34-13
A1W1	3B-97	A18	20-1A	A18C1846	34-105
A1W3	3B-119	A18	20-1B	A18C1847	34-99
A1W4	3B-119	A18	32-3	A18C1848	34-97
A1Z1 THRU Z11	3B-241	A18	33-1	A18C1849	34-97
A10	1-15	A18	33-11	A18C1850	34-101
A10	1-15A	A18	34-1	A18C1851	34-95
A10	12-1A	A18A1801	34-51	A18C1852	34-99
A10	12-1B	A18B1801	34-51	A18C1854	34-99
A11	1-16	A18CR1801	34-49	A18C1855	34-103
A11	1-16A	A18CR1802	34-131	A18C1856	34-97
A11	13-1A	A18CR1803	34-131	A18L1801	34-121
A11	13-1B	A18C1801	34-99	A18L1802	34-119
A12	1-17	A18C1803	34-99	A18L1803	34-119
A12	14-1	A18C1804	34-101	A18L1804	34-117
A13	1-18	A18C1805	34-95	A18L1806	34-123
A13	15-1	A18C1806	34-97	A18L1807	34-115
A14	2-67	A18C1808	34-101	A18L1808	34-123
A14	2-67A	A18C1809	34-129	A18L1809	34-123
A14	2-67B	A18C1810	34-127	A18L1810	34-123
A14	2-67C	A18C1812	34-135	A18Q1801	34-113
A14	2-67D	A18C1813	34-91	A18Q1802	34-45
A14	2-67E	A18C1814	34-101	A18Q1803	34-45
A14	2-67F	A18C1815	34-99	A18Q1804	34-43
A14	2-67G	A18C1816	34-135	A18R1801	34-55
A14	16-1A	A18C1818	34-99	A18R1802	34-81
A14	16-1B	A18C1819	34-97	A18R1803	34-77
A14	16-1C	A18C1820	34-101	A18R1804	34-83
A14	16-1D	A18C1821	34-97	A18R1805	34-61
A14	16-1E	A18C1822	34-99	A18R1806	34-67
A14	16-1F	A18C1823	34-97	A18R1807	34-69
A15	2-26	A18C1824	34-125	A18R1808	34-79
A15	2-26A	A18C1825	34-97	A18R1809	34-71
A15	2-26B	A18C1826	34-99	A18R1810	34-53
A15	2-26C	A18C1827	34-99	A18R1811	34-73
A15	2-26D	A18C1828	34-99	A18R1812	34-53
A15	2-26E	A18C1829	34-97	A18R1813	34-57
A15	2-26F	A18C1830	34-135	A18R1814	34-53
A15	17-1A	A18C1831	34-93	A18R1815	34-59
A15	17-1C	A18C1832	34-135	A18R1816	34-79
A15	17-1D	A18C1834	34-97	A18R1817	34-53
A15	17-1E	A18C1835	34-99	A18R1818	34-53
A16	3-42	A18C1836	34-97	A18R1819	34-87
A16	18-1	A18C1838	34-99	A18R1820	34-75
A17	3-283	A18C1839	34-99	A18R1821	34-63
A17	3B-85	A18C1840	34-101	A18R1823	34-77
A17	19-1A	A18C1841	34-103	A18R1823	34-85

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A18R1824	34-77	A21	23-1	A24C11	35-13
A18R1825	34-87	A22	1-19	A24C12	35-13
A18R1826	34-85	A22	1-19A	A24C13	35-21
A18R1827	34-65	A22	1-19B	A24C14	35-5
A18R1829	34-53	A22	24-1	A24C15	35-23
A18R1831	34-89	A22	24A-1	A24C16	35-25
A18R1835	34-55	A22	28-1	A24C17	35-17
A18R1838	34-53	A23	32-21	A24C2	35-15
A18R1839	34-53	A23	36-1	A24C4	35-5
A18R1840	34-89	A23CR1	36-11	A24C5	35-23
A18R1841	34-53	A23CR2	36-11	A24C7	35-25
A18R1842	34-89	A23CR3	36-11	A24C8	35-17
A18R1844	34-89	A23C1	36-19	A24L1	35-11
A18U1801	34-33	A23C10	36-31	A24L3	35-11
A18U1802	34-33	A23C11	36-15	A24L4	35-9
A18U1803	34-41	A23C12	36-15	A24L5	35-9
A18U1804	34-27	A23C13	36-21	A24L8	35-9
A18U1805	34-31	A23C14	36-9	A24L9	35-9
A18U1806	34-107	A23C15	36-23	A24R11	35-3
A18U1807	34-35	A23C16	36-29	A24R12	35-3
A18U1808	34-41	A23C17	36-31	A24R5	35-3
A18U1809	34-37	A23C18	36-17	A24R6	35-3
A18U1810	34-25	A23C2	36-27	A25	5-17A
A18U1811	34-133	A23C3	36-9	A25	25-1A
A18U1812	34-109	A23C4	36-9	A25	25-1B
A18U1813	34-39	A23C5	36-23	A25	26-74B
A18U1814	34-19	A23C6	36-25	A25	26-74C
A18U1815	34-39	A23C7	36-29	A25	31-177
A18U1816	34-37	A23C8	36-31	A27	6-185
A18U1817	34-23	A23C9	36-29	A27	11A-39C
A18U1819	34-111	A23L1	36-13	A27	29-1
A18U1821	34-29	A23L2	36-13	A27C1	29-13
A18U1822	34-37	A23L3	36-13	A27C2	29-3
A18U1823	34-21	A23L4	36-3	A27C3	29-13
A18VR1801	34-47	A23L5	36-3	A27C4	29-3
A18Y1801	34-17	A23L6	36-3	A27R1	29-15
A19	4-48	A23L7	36-3	A27R2	29-15
A19	4-48A	A23L8	36-3	A27U1	29-11
A19	4A-21	A23L9	36-3	A27U2	29-9
A19	21-1A	A23R11	36-7	A27U3	29-9
A19	21-1B	A23R12	36-7	A27VR1	29-5
A2	1-7	A23R5	36-7	A27VR2	29-5
A2	1-7A	A23R6	36-7	A28	7-117
A2	4-1	A23R7	36-7	A28	9A-115
A2	4A-1	A23R8	36-7	A28	30-1
A20	4-83	A24	32-23	A28C1	30-23
A20	4B-119	A24	35-1	A28C2	30-3
A20	22-1	A24CR1	35-7	A28C3	30-23
A21	4-11	A24CR3	35-7	A28C4	30-3
A21	4B-83	A24C1	35-19	A28C5	30-19

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A28C6	30-19	A3CR2305	31-283	A3C310	31-439
A28R1	30-13	A3CR2306	31-283	A3C311	31-215
A28R2	30-13	A3CR2307	31-287	A3C312	31-215
A28R3	30-9	A3CR2308	31-285	A3C313	31-201
A28R4	30-11	A3CR2309	31-285	A3C314	31-199
A28R5	30-11	A3CR301	31-283	A3C315	31-207
A28R6	30-25	A3CR304	31-283	A3C316	31-439
A28R7	30-25	A3CR305	31-283	A3C317	31-435
A28U1	30-21	A3CR306	31-283	A3C318	31-439
A28U2	30-15	A3C2301	31-207	A3C319	31-441
A28U3	30-17	A3C2302	31-207	A3C320	31-441
A28VR1	30-5	A3C2303	31-205	A3C321	31-441
A28VR2	30-5	A3C2304	31-205	A3C323	31-441
A29	9A-115	A3C2305	31-205	A3C323	31-451
A29	30-1	A3C2307	31-439	A3C324	31-433
A29C1	30-23	A3C2308	31-211	A3C325	31-439
A29C2	30-3	A3C2309	31-213	A3C326	31-441
A29C3	30-23	A3C2310	31-447	A3FL2401	31-249
A29C4	30-3	A3C2311	31-193	A3J1402	31-295
A29C5	30-19	A3C2312	31-433	A3J301	31-293
A29C6	30-19	A3C2313	31-433	A3J303	31-293
A29R1	30-13	A3C2314	31-443	A3L2301	31-155
A29R2	30-13	A3C2315	31-203	A3Q2301	31-79
A29R3	30-9	A3C2316	31-203	A3Q2302	31-81
A29R4	30-11	A3C2317	31-203	A3Q2303	31-277
A29R5	30-11	A3C2318	31-203	A3Q2304	31-273
A29R6	30-25	A3C2319	31-443	A3Q2401	31-80
A29R7	30-25	A3C2320	31-195	A3Q2402	31-129
A29U1	30-21	A3C2321	31-437	A3Q301	31-9
A29U2	30-15	A3C2322	31-447	A3Q302	31-11
A29U3	30-17	A3C2323	31-447	A3Q303	31-9
A29VR1	30-5	A3C2324	31-189	A3Q304	31-11
A29VR2	30-5	A3C2326	31-439	A3Q305	31-275
A3	2-53	A3C2327	31-469	A3R2301	31-429
A3	2-53A	A3C2328	31-469	A3R2302	31-431
A3	2-53B	A3C2401	31-191	A3R2303	31-307
A3	2-53C	A3C2402	31-209	A3R2304	31-317
A3	2-53D	A3C2403	31-207	A3R2305	31-339
A3	2-53E	A3C2404	31-445	A3R2306	31-305
A3	5-1A	A3C2405	31-449	A3R2307	31-307
A3	5-1B	A3C2405	31-471	A3R2308	31-313
A3	26-1A	A3C301	31-197	A3R2309	31-299
A3	26-1B	A3C302	31-201	A3R2310	31-403
A3	31-1A	A3C303	31-439	A3R2311	31-403
A3	31-1B	A3C304	31-439	A3R2312	31-403
A3A3C322	31-441	A3C305	31-439	A3R2313	31-425
A3CR2301	31-289	A3C306	31-439	A3R2314	31-405
A3CR2302	31-289	A3C307	31-447	A3R2315	31-405
A3CR2303	31-283	A3C308	31-447	A3R2316	31-405
A3CR2304	31-283	A3C309	31-215	A3R2317	31-411

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A3R2318	31-411	A3R315	31-331	A3R368	31-399
A3R2319	31-327	A3R316	31-329	A3R369	31-401
A3R2320	31-343	A3R317	31-317	A3R370	31-401
A3R2321	31-309	A3R318	31-337	A3R371	31-401
A3R2322	31-351	A3R319	31-403	A3R372	31-401
A3R2323	31-461	A3R320	31-335	A3R373	31-323
A3R2324	31-463	A3R321	31-321	A3R374	31-399
A3R2325	31-465	A3R324	31-341	A3R375	31-413
A3R2326	31-467	A3R325	31-311	A3R376	31-403
A3R2401	31-427	A3R326	31-335	A3R377	31-357
A3R2402	31-323	A3R327	31-323	A3R378	31-377
A3R2403	31-323	A3R328	31-375	A3R379	31-377
A3R2404	31-395	A3R329	31-385	A3R380	31-365
A3R3001	31-423	A3R330	31-373	A3R381	31-357
A3R3002	31-383	A3R331	31-387	A3R382	31-393
A3R3003	31-383	A3R332	31-391	A3R383	31-371
A3R3004	31-361	A3R333	31-373	A3R384	31-393
A3R3005	31-361	A3R334	31-375	A3R385	31-371
A3R3006	31-315	A3R335	31-381	A3R386	31-407
A3R3007	31-349	A3R336	31-369	A3R390	31-397
A3R3008	31-315	A3R337	31-387	A3R391	31-417
A3R3009	31-335	A3R338	31-389	A3R392	31-413
A3R301	31-3	A3R339	31-389	A3R393	31-415
A3R3010	31-323	A3R340	31-363	A3R394	31-415
A3R3011	31-345	A3R341	31-363	A3R395	31-415
A3R3012	31-353	A3R342	31-365	A3R396	31-319
A3R3013	31-333	A3R343	31-367	A3T2301	31-139
A3R3014	31-421	A3R344	31-365	A3T2302	31-139
A3R3015	31-421	A3R345	31-367	A3T2401	31-303
A3R3016	31-421	A3R346	31-363	A3U2301	31-35
A3R3017	31-421	A3R347	31-363	A3U2303	31-55
A3R3018	31-421	A3R348	31-361	A3U2304	31-71
A3R3019	31-421	A3R349	31-355	A3U2305	31-23
A3R302	31-3	A3R350	31-361	A3U2306	31-235
A3R3020	31-421	A3R351	31-355	A3U2307	31-229
A3R3021	31-421	A3R352	31-359	A3U2308	31-169
A3R3022	31-409	A3R353	31-379	A3U2309	31-167
A3R3023	31-409	A3R354	31-359	A3U2401	31-247
A3R303	31-3	A3R355	31-379	A3U301	31-233
A3R304	31-3	A3R356	31-411	A3U302	31-251
A3R305	31-419	A3R357	31-403	A3U303	31-257
A3R306	31-419	A3R359	31-323	A3U304	31-243
A3R307	31-419	A3R360	31-353	A3U305	31-243
A3R308	31-419	A3R361	31-325	A3U306	31-245
A3R309	31-335	A3R362	31-323	A3U307	31-231
A3R310	31-331	A3R363	31-341	A3U308	31-231
A3R311	31-347	A3R364	31-413	A3U309	31-221
A3R312	31-335	A3R365	31-323	A3U310	31-243
A3R313	31-329	A3R366	31-323	A3U311	31-241
A3R314	31-347	A3R367	31-323	A3U312	31-241

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
A3U313	31-239	A5	1-10A	A8	10-1C
A3U314	31-239	A5	1-10B	A8	10-1D
A3U315	31-243	A5	1-10C	A9	1-14
A3U316	31-263	A5	1-10D	A9	1-14A
A3U317	31-243	A5	1-10E	A9	1-14B
A3U318	31-225	A5	1-10F	A9	1-14C
A3U319	31-227	A5	1-10G	A9	1-14D
A3U320	31-237	A5	1-10H	A9	1-14E
A3U321	31-237	A5	1-10J	A9	1-14F
A3U322	31-223	A5	7-1A	A9	11-1
A3U323	31-263	A5	7-1B	A9	11A-1A
A3U325	31-237	A5	7-1D	A9	11A-1B
A3U326	31-237	A5	7-1E	CR1	3-20
A3U329	31-259	A6	1-11	CR1	3-20A
A3U330	31-267	A6	1-11A	CR1	25-11
A3U331	31-255	A6	1-11B	CR1	25-11A
A3U332	31-255	A6	1-11C	CR10	3-189
A3U333	31-253	A6	1-11D	CR10	3-189A
A3U334	31-261	A6	1-11E	CR11	3-180
A3U335	31-269	A6	1-11F	CR11	3-180A
A3U336	31-255	A6	1-11G	CR12	3-274
A3U337	31-271	A6	1-11H	CR13	3-267
A3U338	31-265	A6	1-11J	CR14	3-257
A3U339	31-473	A6	1-11K	CR1401	16-59
A3U340	31-453	A6	8-1	CR1401	16-59A
A3U341	31-247	A6	8A-1	CR1402	16-60
A3VR2301	31-291	A6	8B-1	CR1402	16-60A
A3VR2401	31-281	A6	27-1	CR1403	16-62
A3VR302	31-279	A7	1-12	CR1403	16-62A
A3W1	31-301	A7	1-12A	CR1404	16-63
A3W2	31-301	A7	1-12B	CR1404	16-63A
A3W3	31-301	A7	1-12C	CR1405	16-64
A3W4	31-301	A7	1-12D	CR1405	16-64A
A3XU340	31-217	A7	1-12E	CR1406	16-65
A3Y301	31-219	A7	1-12F	CR1406	16-65A
A32325	31-189	A7	9-1A	CR1407	16-66
A4	1-9	A7	9-1B	CR1407	16-66A
A4	1-9A	A7	9A-1	CR1408	16-13
A4	1-9B	A8	1-13	CR1408	16-13A
A4	1-9C	A8	1-13A	CR1409	16-14
A4	1-9D	A8	1-13B	CR1409	16-14A
A4	1-9E	A8	1-13C	CR1410	16-16
A4	1-9F	A8	1-13D	CR1410	16-16A
A4	1-9G	A8	1-13E	CR1411	16-17
A4	1-9H	A8	1-13F	CR1411	16-17A
A4	1-9J	A8	1-13G	CR1412	16-20
A4	6-1A	A8	1-13H	CR1412	16-20A
A4	6-1B	A8	1-13J	CR1413	16-24
A4	6-1C	A8	10-1A	CR1413	16-24A
A5	1-10	A8	10-1B	CR1414	16-21

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
CR1414	16-21A	CR2101	23-14	CR2211	24-7A
CR1415	16-23	CR2201	24-57	CR2211	24A-67
CR1415	16-23A	CR2201	24-57A	CR2211	24A-67A
CR1416	16-22	CR2201	24A-54	CR2211	28-10
CR1416	16-22A	CR2201	24A-54A	CR2211	28-10A
CR1417	16-2	CR2201	28-10	CR2212	24-68
CR1417	16-2A	CR2201	28-10A	CR2212	24-68A
CR1418	16-36	CR2202	24-34	CR2212	24A-66
CR1418	16-36A	CR2202	24-34A	CR2212	24A-66A
CR1419	16-14C	CR2202	24A-35	CR2212	28-10
CR1419	16-14D	CR2202	24A-35A	CR2212	28-10A
CR15	3-250	CR2202	28-10	CR2213	24-66
CR16	3-275	CR2202	28-10A	CR2213	24-66A
CR1601	18-27	CR2203	24-33	CR2213	24A-59
CR17	3-10	CR2203	24-33A	CR2213	24A-59A
CR17	3-10A	CR2203	24A-34	CR2213	28-10
CR1701	19-15	CR2203	24A-34A	CR2213	28-10A
CR1801	20-24	CR2203	28-10	CR2214	24-61
CR1801	20-24A	CR2203	28-10A	CR2214	24-61A
CR1802	20-6	CR2204	24-62	CR2214	24A-60
CR1802	20-6A	CR2204	24-62A	CR2214	24A-60A
CR1802	20-6B	CR2204	24A-58	CR2214	28-10
CR1803	20-7	CR2204	24A-58A	CR2214	28-10A
CR1803	20-7A	CR2204	28-10	CR2301	5-37
CR1803	20-7B	CR2204	28-10A	CR2301	26-124
CR19	3-273A	CR2205	24-18	CR2302	5-30
CR19	3-273B	CR2205	24-18A	CR2302	26-124
CR1901	21-14	CR2205	24A-19	CR2303	5-60
CR1901	21-14A	CR2205	24A-19A	CR2303	5-60A
CR2	3-25	CR2205	28-10	CR2303	26-35
CR2	3-25A	CR2205	28-10A	CR2303	26-35A
CR2	25-10	CR2206	24-20	CR2304	5-61
CR2	25-10A	CR2206	24-20A	CR2304	5-61A
CR201	4-22	CR2206	24A-20	CR2304	26-35
CR201	4-22A	CR2206	24A-20A	CR2304	26-35A
CR201	4B-45	CR2206	28-10	CR2305	5-66
CR202	4-35	CR2206	28-10A	CR2305	5-66A
CR202	4-35A	CR2207	24-67	CR2305	26-35
CR202	4B-23	CR2207	24-67A	CR2305	26-35A
CR203	4-32	CR2207	24A-68	CR2306	5-73A
CR203	4-32A	CR2207	24A-68A	CR2306	5-73B
CR203	4B-23	CR2207	28-10	CR2306	26-35
CR204	4-133	CR2207	28-10A	CR2306	26-35A
CR204	4-133A	CR2208	24-3	CR2307	5-69
CR204	4B-45	CR2208	24-3A	CR2307	5-69A
CR205	4-23A	CR2208	24A-3	CR2307	26-148
CR205	4-23B	CR2208	24A-3A	CR2307	26-148A
CR205	4B-45	CR2208	28-10	CR2308	5-94
CR207	4B-181	CR2208	28-10A	CR2308	5-94A
CR21	3-339	CR2211	24-7	CR2308	26-62

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
CR2308	26-62A	CR414	6-6A	CR706	9-34
CR2309	5-93	CR415	6-57A	CR706	9-34A
CR2309	5-93A	CR415	6-57B	CR706	9A-33
CR2309	26-62	CR5	25-23	CR707	9-24
CR2309	26-62A	CR5	25-23A	CR707	9-24A
CR3	25-9	CR501	7-2	CR707	9A-33
CR3	25-9A	CR501	7-2A	CR708	9-23
CR301	5-107	CR502	7-50	CR708	9-23A
CR301	5-107A	CR502	7-50A	CR708	9A-33
CR301	26-35	CR503	7-5	CR8	3-137
CR301	26-35A	CR503	7-5A	CR8	3-137A
CR304	5-102	CR504	7-4	CR801	10-42
CR304	5-102A	CR504	7-4A	CR801	10-42A
CR304	26-35	CR505	7-12	CR802	10-41
CR304	26-35A	CR505	7-12A	CR802	10-41A
CR305	5-74D	CR506	7-20	CR803	10-34
CR305	5-74E	CR506	7-20A	CR803	10-34A
CR305	26-35	CR507	7-11	CR804	10-33
CR305	26-35A	CR508	7-19	CR804	10-33A
CR306	5-74	CR508	7-19A	CR807	10-73
CR306	5-74A	CR509	7-10	CR807	10-73A
CR306	26-35	CR509	7-10A	CR808	10-12
CR306	26-35A	CR6	3-321	CR808	10-12A
CR4	3-52	CR6	25-30	CR809	10-71
CR4	3-52A	CR6	25-30A	CR809	10-71A
CR4	25-8	CR601	8-18	CR810	10-72
CR4	25-8A	CR601	8-18A	CR811	10-69
CR401	6-28	CR601	8A-18	CR811	10-69A
CR401	6-28A	CR601	8A-18A	CR812	10-70
CR402	6-24	CR601	8B-19	CR812	10-70A
CR402	6-24A	CR601	8B-19A	CR813	10-67
CR403	6-48	CR601	27-5	CR813	10-67A
CR404	6-49	CR601	27-5A	CR815	10-26B
CR405	6-57	CR7	3-94	CR815	10-26C
CR406	6-56	CR7	3-94A	CR815	10-26G
CR406	6-56A	CR701	9-15	CR815	10-26H
CR407	6-54	CR701	9-15A	CR816	10-26D
CR407	6-54A	CR701	9A-33	CR816	10-26E
CR408	6-55	CR702	9-14	CR816	10-26J
CR409	6-13	CR702	9-14A	CR816	10-26K
CR409	6-13A	CR702	9A-33	CR9	3-138
CR410	6-10	CR703	9-13	CR9	3-138A
CR410	6-10A	CR703	9-13A	CR901	11-30
CR411	6-8	CR703	9A-33	CR901	11-30A
CR411	6-8A	CR704	9-12	CR901	11A-30
CR412	6-59	CR704	9-12A	CR901	11A-30A
CR412	6-59A	CR704	9A-33	CR902	11-29
CR413	6-2	CR705	9-26	CR902	11-29A
CR413	6-2A	CR705	9-26A	CR902	11A-29
CR414	6-6	CR705	9A-33	CR902	11A-29A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
CR903	11-23	CR919	11-77	C1401	16-57
CR903	11-23A	CR919	11-77A	C1402	16-55
CR903	11A-23	CR919	11A-77	C1405	16-25
CR903	11A-23A	CR919	11A-77A	C1406	16-26
CR904	11-22	C1	3-35	C1409	16-41
CR904	11-22A	C1	25-3	C1410	16-30
CR904	11A-22	C10	3-8	C1411	16-40
CR904	11A-22A	C10	25-34	C1412	16-33
CR905	11-101	C1001	12-15	C1413	16-14B
CR905	11-101A	C1002	12-22	C1414	16-71
CR905	11A-101	C1003	12-25	C1415	16-71
CR905	11A-101A	C1004	12-8	C1416	16-71
CR906	11-103	C11	3-323	C1417	16-71
CR907	11-104	C11	25-35	C1418	16-71
CR907	11-104A	C1101	13-16	C1419	16-71
CR907	11A-104	C1102	13-19	C1420	16-71
CR907	11A-104A	C1103	13-33	C1421	16-71
CR908	11-105	C1104	13-30	C1422	16-71
CR909	11-49	C1105	13-27	C1423	16-71
CR909	11-49A	C1106	13-40	C1424	16-71
CR909	11A-49	C1107	13-38	C1425	16-71
CR909	11A-49A	C1110	13-37	C1426	16-71
CR910	11-50	C1111	13-20	C1427	16-71
CR910	11-50A	C1112	13-24	C1428	16-71
CR910	11A-50	C1113	13-25	C1429	16-71
CR910	11A-50A	C1114	13-3	C15	3-79
CR911	11-5	C1115	13-47	C16	3-74
CR911	11-5A	C1116	13-6	C1601	18-2
CR911	11A-5	C12	3-93	C1601	18-2A
CR911	11A-5A	C12	25-6	C1602	18-23
CR914	11-7	C12	25-48	C1603	18-6
CR914	11-7A	C1201	14-33	C1604	18-18
CR914	11A-7	C1201	14-33A	C1604	18-18A
CR914	11A-7A	C1202	14-40	C1605	18-17
CR915	11-148	C1203	14-38	C1605	18-17A
CR915	11-148A	C1203	14-38A	C1606	18-15
CR915	11A-148	C1204	14-2	C1606	18-15A
CR915	11A-148A	C1204	14-2A	C1607	18-16
CR916	11-149	C1205	14-5	C1607	18-16A
CR916	11-149A	C1206	14-28	C1608	18-14
CR916	11A-149	C1206	14-28A	C17	3-110
CR916	11A-149A	C1207	14-29	C17	3-110A
CR917	11-175	C1207	14-29A	C17	3-110B
CR917	11-175A	C13	3-3	C1701	19-5
CR917	11A-175	C13	25-7	C1702	19-24
CR917	11A-175A	C13	25-49	C1703	19-21
CR918	11-75	C1301	15-14	C1703	19-21A
CR918	11-75A	C1302	15-8	C1704	19-25
CR918	11A-75	C1303	15-12	C1704	19-25A
CR918	11A-75A	C14	3-97	C1705	19-20

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C1705	19-20A	C1904	21-33	C203	4B-107
C1706	19-18	C1905	21-44	C204	4-7
C1706	19-18A	C1906	21-9	C204	4B-107
C1707	19-12	C1907	21-10	C205	4-33
C1707	19-12A	C1908	21-51	C205	4-33A
C1708	19-13	C1909	21-36	C205	4B-21
C1709	19-16	C1910	21-47	C206	4-29
C1709	19-16A	C1912	21-7	C206	4B-7
C1711	19-14	C1913	21-4	C207	4-30
C1711	19-14A	C1914	21-6	C207	4B-7
C1711	19-14B	C1914	21-6A	C208	4-37
C18	3-109	C1914	21-6B	C208	4B-7
C1801	20-20	C1915	21-69	C209	4-94
C1803	20-21	C1915	21-69A	C209	4B-39
C1804	20-23	C1915	21-69B	C21	3-113
C1805	20-42	C1916	21-67	C21	3-113A
C1806	20-12	C1917	21-58	C21	3-113B
C1807	20-8	C1918	21-56	C21	3-113C
C1808	20-19	C1919	21-72	C210	4-95
C1809	20-4	C1919	21-72A	C210	4-95A
C1809	20-4A	C1920	21-68	C210	4B-41
C1810	20-5	C1921	21-64	C2101	23-5
C1810	20-5A	C1921	21-64A	C2102	23-23
C1812	20-26	C1922	21-65	C2103	23-20
C1813	20-27	C1923	21-63	C2103	23-20A
C1813	20-27A	C1924	21-61	C2104	23-24
C1814	20-25	C1925	21-45	C2104	23-24A
C1815	20-22	C1927	21-37	C2105	23-19
C1816	20-43	C1928	21-43	C2105	23-19A
C1818	20-38	C1929	21-55	C2106	23-17
C1819	20-37	C1930	21-13	C2106	23-17A
C1820	20-36	C1930	21-13A	C2106	23-17B
C1821	20-35	C2	3-33A	C2107	23-12
C1823	20-31	C2	3-33B	C2107	23-12A
C1824	20-30	C2	3-36	C2108	23-13
C1824	20-30A	C2	25-2	C2109	23-15
C1825	20-32	C20	3-108	C2109	23-15A
C1826	20-44	C2001	22-16	C211	4-92
C1827	20-41	C2001	22-16A	C211	4-92A
C1828	20-2	C2002	22-15	C211	4B-29
C1829	20-15	C2003	22-5	C212	4-91
C1830	20-18	C2004	22-8	C212	4B-33
C1831	20-39	C2004	22-8A	C213	4-144
C1832	20-29	C2005	22-9	C213	4B-39
C1833	20-17	C2005	22-9A	C214	4-96
C1833	20-40A	C201	4-20	C214	4-96A
C19	3-69	C201	4B-3	C214	4B-29
C1901	21-22	C202	4-21	C215	4-97
C1901	21-22A	C202	4B-109	C215	4B-7
C1902	21-49	C203	4-5	C216	4-100

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C216	4B-7	C2302	5-25	C2325	26-30
C217	4-25	C2302	26-197	C2326	5-28A
C217	4B-7	C2303	5-26	C2326	5-38
C218	4-6	C2303	26-85	C2326	26-23
C218	4B-85	C2304	5-27	C234	4-140
C22	3-114	C2304	26-85	C234	4-140A
C22	3-114A	C2305	5-29	C234	4B-41
C22	3-114B	C2305	26-85	C235	4-138
C22	3-114C	C2307	5-38A	C235	4B-7
C2206	24-19	C2307	5-38B	C236	4-137
C2206	24A-21	C2307	26-23	C236	4B-7
C2206	28-9	C2308	5-40	C237	4-99
C2207	24-21	C2308	26-172	C237	4B-7
C2207	24A-23	C2309	5-39	C238	4-134
C2207	28-7	C2309	26-170	C238	4B-33
C2208	24-16	C2310	5-47	C239	4-101
C2208	24A-17	C2310	26-89	C239	4B-7
C2208	28-9	C2311	5-49	C24	3-63
C2209	24-14	C2311	26-141	C240	4-102
C2209	24A-15	C2312	5-59	C240	4B-7
C2209	28-7	C2312	5-59A	C2401	5-62
C2210	24-53	C2312	26-166	C2401	26-167
C2210	24A-16	C2312	26-166A	C2402	5-73
C2210	28-7	C2313	5-57	C2402	26-160
C2211	24-50	C2313	5-57A	C2403	5-77
C2211	24A-49	C2313	26-166	C2403	5-77A
C2211	28-7	C2313	26-166A	C2403	26-58
C2212	24-39	C2314	5-90	C2404	5-85
C2212	24A-40	C2314	26-95	C2404	5-85A
C2212	28-7	C2315	5-64	C2404	26-157
C2213	24-38	C2315	26-94	C2405	5-96A
C2213	24A-37	C2316	5-65	C241	4-129
C2213	28-7	C2316	26-94	C241	4B-39
C222	4-69	C2317	5-68	C242	4-128
C222	4-69A	C2317	26-94	C242	4-128A
C222	4B-21	C2318	5-72	C242	4B-41
C223	4-63	C2318	26-94	C243	4-127
C223	4-63A	C2319	5-75	C243	4-127A
C223	4B-87	C2319	26-95	C243	4B-29
C224	4-85	C2320	5-63	C244	4-125
C224	4B-61	C2320	26-142	C244	4B-7
C225	4-71	C2321	5-67	C245	4-121
C225	4B-39	C2321	26-146	C245	4B-33
C225	4B-195	C2322	5-70	C246	4-105
C23	3-115	C2322	26-89	C246	4-105A
C23	3-115A	C2323	5-71	C246	4B-29
C23	3-115B	C2323	26-89	C247	4-111
C23	3-115C	C2324	5-97	C247	4B-39
C2301	5-24	C2324	26-30	C248	4-112
C2301	26-197	C2325	5-88	C248	4-112A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C248	4B-41	C304	26-23	C325	5-96B
C249	4-120	C305	5-21	C325	26-23
C249	4B-7	C305	26-23	C326	5-75A
C25	3-122	C306	5-22	C326	26-31
C250	4-106	C306	26-23	C33	3-187
C250	4B-61	C307	5-23	C34	3-186
C251	4-110	C307	26-89	C35	3-142
C251	4B-33	C308	5-91	C35	3-142A
C253	4-109	C308	26-89	C35	3-142B
C253	4-109A	C309	5-50	C35	3-142C
C253	4B-29	C309	5-50A	C36	3-141
C254	4-113	C309	26-26	C37	3-140
C254	4B-39	C31	3-191	C38	3-146
C255	4-116	C31	3-191A	C39	3-145
C255	4B-61	C31	3-191B	C4	3-32
C256	4-80	C31	3-191C	C4	3-32A
C256	4B-61	C310	5-108	C4	25-40
C257	4-78	C310	5-108A	C40	3-181
C257	4B-61	C310	26-23	C401	6-37
C258	4-76	C311	5-105	C402	6-40
C258	4B-61	C311	26-26	C403	6-39
C259	4-81	C312	5-104	C404	6-30
C259	4-81A	C312	26-26	C405	6-41
C259	4B-29	C313	5-103	C406	6-42
C26	3-55	C313	26-32	C407	6-29
C260	4-70	C314	5-18	C408	6-36
C260	4-70A	C314	26-110	C409	6-26
C260	4B-29	C315	5-96	C41	3-182
C261	4-87	C315	26-58	C410	6-27
C261	4B-61	C316	5-95	C411	6-35
C262	4-62	C316	26-23	C412	6-46
C262	4-62A	C317	5-9	C413	6-45
C262	4B-91	C317	26-14	C414	6-22
C27	3-67	C318	5-58	C415	6-25
C270	4B-177	C318	26-23	C416	6-23
C28	3-134	C319	5-98	C417	6-47
C29	3-128	C319	26-31	C417	6-47A
C293	4B-179	C32	3-188	C417	6-47B
C3	3-33	C320	5-99	C417	6-47C
C3	3-36A	C320	26-31	C418	6-51
C3	3-36B	C321	5-92	C419	6-50
C3	25-42	C321	26-31	C42	3-179
C30	3-136	C322	5-89	C420	6-53
C301	5-2	C322	26-31	C421	6-52
C301	26-2	C323	5-86	C422	6-18
C302	5-106	C323	26-31	C423	6-19
C302	26-32	C324	5-74B	C424	6-21
C303	5-20	C324	5-74C	C425	6-20
C303	26-23	C324	26-166	C425	6-20A
C304	5-19	C324	26-166A	C425	6-20B

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C425	6-20C	C511	7-38	C608	8A-44
C426	6-15	C512	7-6	C608	8B-67
C427	6-16	C513	7-48	C608	27-31
C428	6-17	C514	7-29	C609	8-43
C429	6-14	C515	7-39	C609	8-43A
C429	6-14A	C516	7-34	C609	8A-43
C429	6-14B	C517	7-26	C609	8A-43A
C429	6-14C	C52	3-168	C609	8B-35
C43	3-156	C53	3-171	C609	27-18
C43	3-156A	C54	3-164	C61	3-266
C43	3-156B	C55	3-277	C61	3-266A
C43	3-156C	C55	3-277A	C610	8-25
C430	6-11	C56	3-271	C610	8A-25
C430	6-11A	C57	3-272	C610	8B-45
C431	6-12	C57	3-272A	C610	27-18
C431	6-12A	C58	3-270	C611	8-41
C432	6-9	C58	3-270A	C611	8A-41
C433	6-7	C59	3-285	C611	8B-46
C434	6-58	C6	3-28	C611	27-18
C435	6-5	C6	25-41	C612	8-32
C435	6-5A	C60	3-287	C612	8A-32
C435	6-5B	C601	8-13	C612	8B-51
C435	6-5C	C601	8A-13	C612	27-18
C436	6-4	C601	8B-17	C62	3-276
C437	6-3	C601	27-2	C62	3-276A
C44	3-153	C602	8-14	C62	3-276B
C440	6-179	C602	8A-14	C62	3-276C
C45	3-155	C602	8B-18	C63	3-262
C46	3-154	C602	27-4	C64	3-261
C47	3-159	C603	8-7	C65	3-258
C48	3-163	C603	8A-7	C66	3-259
C48	3-163A	C603	8B-14	C67	3-294
C48	3-163B	C603	27-2	C68	3-256
C48	3-163C	C604	8-2	C68	3-256A
C49	3-162	C604	8A-2	C69	3-295
C5	3-31	C604	8B-10	C7	3-19
C5	3-31A	C604	27-37	C7	25-16
C5	25-43	C605	8-17	C70	3-297
C50	3-161	C605	8A-17	C701	9-9
C501	7-47	C605	8B-7	C701	9A-11
C502	7-46	C605	27-2	C702	9-8
C503	7-9	C606	8-11	C702	9A-15
C504	7-27	C606	8A-11	C703	9-18
C505	7-28	C606	8B-2	C703	9A-39
C506	7-23	C606	27-4	C704	9-40
C507	7-25	C607	8-26	C704	9A-39
C508	7-35	C607	8A-26	C705	9-47
C509	7-41	C607	8B-69	C705	9A-39
C51	3-178	C607	27-31	C706	9-2
C510	7-33	C608	8-44	C706	9A-39

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C707	9-39	C808	10-18	C906	11A-41
C707	9A-39	C809	10-38	C906	11A-41A
C708	9-36	C81	3-213	C907	11-93
C708	9A-69	C81	3-213A	C907	11A-93
C709	9-45	C810	10-37	C908	11-43
C709	9A-69	C810	10-37A	C908	11A-43
C71	3-254	C811	10-59	C909	11-18
C71	3-254A	C812	10-43	C909	11A-18
C710	9-49	C813	10-61	C91	3-202
C710	9A-69	C814	10-13	C910	11-45
C711	9-41	C815	10-36	C910	11A-45
C711	9A-69	C816	10-22	C911	11-48
C712	9-46	C817	10-15	C911	11A-48
C712	9A-69	C818	10-21	C912	11-51
C713	9-35	C819	10-60	C912	11-51A
C713	9A-81	C82	3-240	C912	11A-51
C714	9-37	C820	10-19	C912	11A-51A
C714	9A-15	C821	10-62A	C913	11-13
C715	9-42	C83	3-239	C913	11A-13
C715	9A-69	C84	3-210	C914	11-14
C716	9-22	C85	3-207	C914	11A-14
C716	9A-39	C85	3-207A	C915	11-9
C717	9A-39	C86	3-208	C915	11A-9
C718	9A-39	C87	3-243	C916	11-4
C719	9A-39	C88	3-205	C916	11A-4
C72	3-247	C89	3-204	C917	11-6
C720	9A-39	C9	3-54	C917	11A-6
C73	3-253	C9	25-24	C918	11-61
C73	3-253A	C90	3-246	C918	11A-61
C74	3-249	C90	3-246A	C919	11-59
C75	3-223	C90	3-246B	C919	11-59A
C75	3-223A	C90	3-246C	C919	11A-59
C75	3-223B	C901	11-89	C919	11A-59A
C76	3-221	C901	11A-89	C92	3-198
C77	3-226	C902	11-90	C920	11-67
C79	3-217	C902	11A-90	C920	11A-67
C79	3-217A	C903	11-33	C921	11-150
C8	3-53	C903	11-33A	C921	11A-150
C8	3-53A	C903	11A-33	C922	11-163
C8	3-53B	C903	11A-33A	C922	11A-163
C8	3-53C	C904	11-34	C923	11-138
C8	25-21	C904	11-34A	C923	11A-138
C80	3-218	C904	11A-34	C924	11-132
C801	10-57	C904	11A-34A	C924	11A-132
C802	10-55	C905	11-25	C925	11-121
C803	10-56	C905	11-25A	C925	11A-121
C804	10-58	C905	11A-25	C926	11-87
C805	10-63	C905	11A-25A	C926	11A-87
C806	10-32	C906	11-41	C927	11-86
C807	10-54	C906	11-41A	C927	11-86A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
C927	11A-86	J1404	17-3	L2002	22-10
C928	11-85	J1405	4-9	L201	4-36
C928	11-85A	J1405	4B-95	L201	4B-25
C928	11A-85	J2201	24-43	L202	4-136
C929	11-84	J2201	24A-42	L202	4B-43
C929	11-84A	J2201	28-35	L203	4-124
C929	11A-84	J2202	24-26	L203	4B-43
C93	3-275A	J2202	24A-27	L204	4-119
C93	3-275B	J2202	28-35	L204	4B-43
C930	11-83	J301	5-100	L205	4-115
C930	11A-83	J301	26-186	L205	4B-65
C931	11-78	J303	5-87	L206	4-73
C931	11A-78	J303	26-186	L206	4B-65
C932	11-72	J601	8-45	L207	4-90
C932	11A-72	J601	8A-45	L207	4B-89
C933	11-129	J901	11-16	L208	4-88
C933	11-129A	J901	11A-16	L208	4B-65
C933	11-129B	J902	11-113	L2101	23-21
C933	11A-129	J902	11A-113	L2102	23-3
C933	11A-129A	K1401	16-37	L2103	23-25
C934	11-69	K1401	16-37A	L2301	5-51
C934	11A-69	L1	3-144	L2301	26-135
C935	11A-134B	L10	3-219	L290	3-335
C95	3-341	L11	3-237	L3	3-167
E1	3-343	L12	3-241	L4	3-273
E1	12-29	L13	3-201	L5	3-268
E1	26-199	L14	3-281	L6	3-292
E1401	16-19	L14	3-281A	L7	3-255
E1403	16-61	L14	3-281B	L7	3-255A
E1404	16-53	L1601	18-21	L8	3-252
E1406	16-28	L1602	18-20	L9	3-224
E2	3-343	L1701	19-22	P1	3-279
E2	6-183	L1702	19-3	P1	13-44
E2	12-29	L1703	19-27	P1	25-44
E2	26-199	L1801	20-16	P1	25-52
E3	13-49	L1801	20-16A	P10	12-26
E3	26-199	L1802	20-3	P13	15-9A
E4	13-49	L1803	20-34	P1401	16-42
E4	26-199	L1804	20-33	P1402	16-6
E47	2-127	L1805	20-14	P1402	16-6A
E48	2-127	L1806	20-13	P1801A	20-45A
FL1	3-235	L1807	20-40	P1801B	20-45B
FL201	4-72	L1808	20-28	P1901A	21-41A
FL201	4B-69	L1901	21-8	P1901B	21-41B
FL2401	5-76	L1902	21-46	P2201	24-78
FL2401	26-159	L1903	21-73	P2201	24A-78
J1401	3-34	L1904	21-70	P2201	28-33
J1402	5-101	L1905	21-74	P401	6-43
J1402	26-185	L2	3-157	P401	6-43A
J1403	17-2	L2001	22-13	P401	6-43B

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
P402A	6-157	Q2	3-158A	Q305	5-109
P402B	6-140	Q2	3-158B	Q305	26-16
P501	7-82	Q2	3-158C	Q4	3-263
P501	7-82A	Q2	3-158D	Q4	3-263A
P501	7-82B	Q2	25-14	Q4	3-263B
P502	7-92	Q2001	22-6	Q4	25-15
P601	8B-8	Q201	4-93	Q5	3-222
P601	27-45	Q201	4B-31	Q5	3-222A
P601	27-45A	Q202	4-130	Q5	3-222B
P602	8B-52	Q202	4-130A	Q5	25-18
P602	27-46	Q202	4B-47	Q501	7-13
P701	9-96	Q203	4-126	Q502	7-14
P701	9-96A	Q203	4-126A	Q6	3-211
P701	9-96B	Q203	4B-47	Q6	3-211A
P701	9A-111	Q204	4-114	Q6	3-211B
P702	9-19	Q204	4-114A	Q6	25-20
P702	9A-109	Q204	4B-63	Q6	25-20A
P801A	10-64A	Q205	4-77	Q7	3-245
P801A	10-64B	Q205	4-77A	Q7	3-245A
P801B	10-52A	Q205	4B-47	Q7	3-245B
P801B	10-52B	Q206	4-64	Q701	9A-41
P802A	10-28	Q206	4-64A	Q701	9A-41A
P802B	10-51	Q206	4B-97	Q702	9A-41
P901	11A-81	Q207	4B-183	Q702	9A-41A
P901	11A-81A	Q2101	23-4	Q703	9A-41
Q1	3-150	Q2301	5-31	Q703	9A-41A
Q1	25-12	Q2301	26-126	Q8	3-119
Q10	3-83	Q2302	5-41	Q8	3-119A
Q1001	12-16	Q2302	26-127	Q8	3-119B
Q1002	12-17	Q2303	5-28	Q8	3-119C
Q1003	12-18	Q2303	26-88	Q801	10-68
Q1004	12-21	Q2304	5-48	Q802	10-3
Q11	3-353	Q2304	26-90	Q803	10-2
Q1201	14-32	Q2305	2-3	Q9	3-117
Q1202	14-31	Q2401	5-78	Q9	3-117A
Q1203	14-30	Q2401	26-128	Q9	3-117B
Q1204	14-21	Q2402	5-79	Q9	3-117C
Q1401	16-39	Q2402	26-151	R1	3-26
Q1402	16-38	Q3	3-166	R1	25-5
Q1601	18-5	Q3	3-166A	R1	25-5A
Q1602	18-7	Q3	3-166B	R10	3-18
Q1701	19-4	Q3	25-13	R10	25-36
Q1801	20-74	Q301	5-3	R10	25-50
Q1802	20-52	Q301	26-6	R100	3-280
Q1803	20-82	Q302	5-10	R100	3-280A
Q1804	20-83	Q302	26-7	R1001	12-23
Q1901	21-17	Q303	5-11	R1002	12-24
Q1902	21-20	Q303	26-6	R1003	12-12
Q1903	21-3	Q304	5-12	R1004	12-13
Q2	3-158	Q304	26-7	R101	3-200

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R102	3-105	R1213	14-11	R1823	20-85
R103	3-9	R1214	14-10	R1824	20-86
R104	3-50	R1215	14-8	R1825	20-73
R105	3-51	R122	3-347	R1826	20-48
R106	3-194	R123	3-355	R1827	20-57
R107	3-29	R13	3-46	R1828	20-95
R108	3-98	R13	25-47	R19	3-4
R109	3-84	R13	25-54	R1901	21-23
R11	3-48	R14	3-16	R1902	21-24
R110	3-118	R1401	16-32	R1903	21-48
R1101	13-9	R1402	16-35	R1904	21-50
R1102	13-10	R1403	16-34	R1905	21-11
R1103	13-11	R1404	16-31	R1906	21-15
R1107	13-35	R1405	16-31A	R1907	21-16
R1108	13-34	R15	3-14	R1908	21-18
R111	3-84A	R16	3-45	R1909	21-19
R111	3-320	R1601	18-4	R1910	21-12
R111	3-320A	R1602	18-3	R1911	21-25
R1111	13-32	R1603	18-24	R1912	21-32
R1112	13-31	R1604	18-22	R1913	21-5
R1112	13-31A	R1605	18-8	R1914	21-2
R1113	13-43	R1605	18-8A	R1915	21-77
R1114	13-42	R1606	18-10	R1916	21-76
R112	3-23	R1607	18-9	R1916	21-76A
R113	3-79A	R17	3-2	R1917	21-75
R113	3-79B	R1701	19-8	R1919	21-71
R113	3-80	R1702	19-7	R1920	21-59
R114	3-7A	R1703	19-23	R1921	21-60
R114	3-7B	R1704	19-6	R1922	21-30
R115	3-281C	R1705	19-17	R2	3-27
R119	3-349	R1706	19-10	R2	25-4
R1199	13-41	R18	3-7	R2	25-4A
R1199	13-41A	R1801	20-50	R20	3-6
R12	3-17	R1801	20-50A	R2001	22-3
R12	25-47	R1803	20-70	R2002	22-2
R12	25-54	R1804	20-79	R2003	22-4
R120	3-351	R1805	20-71	R2004	22-14
R1201	14-37	R1806	20-72	R2005	22-7
R1202	14-3	R1807	20-81	R201	4-19
R1203	14-4	R1808	20-53	R201	4B-5
R1204	14-39	R1809	20-54	R202	4-23
R1205	14-7	R1810	20-55	R202	4B-59
R1206	14-6	R1811	20-51	R203	4-24
R1207	14-22	R1812	20-60	R203	4B-5
R1208	14-20	R1813	20-49	R204	4-42
R1209	14-15	R1814	20-56	R204	4B-11
R121	3-345	R1815	20-76	R205	4-26
R1210	14-9	R1816	20-80	R205	4B-57
R1211	14-26	R1820	20-78	R206	4-39
R1212	14-14	R1821	20-84	R206	4B-17

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R207	4-28	R2205	28-16	R2221	28-2
R207	4-28A	R2206	24-27	R2222	24-11
R207	4B-53	R2206	24A-28	R2222	24A-11
R208	4-38	R2206	28-2	R2222	28-6
R208	4B-19	R2207	24-46	R2223	24-2
R209	4-41	R2207	24A-46	R2223	24-2A
R209	4B-11	R2207	28-3	R2223	24A-2
R21	3-5	R2208	24-42	R2223	28-24
R21	3-5A	R2208	24A-41	R2226	24-32
R210	4-34	R2208	28-16	R2226	24A-33
R210	4B-27	R2209	24-65	R2226	28-2
R2101	23-8	R2209	24A-65	R2227	24-36
R2102	23-7	R2209	28-21	R2227	24A-36
R2103	23-22	R2210	24-29	R2227	28-2
R2104	23-6	R2210	24A-30	R2228	24-37
R2105	23-16	R2210	28-11	R2229	24-51
R2106	23-10	R2211	24-30	R2229	24A-50
R211	4-31	R2211	24A-31	R2229	28-19
R211	4B-51	R2211	28-2	R2230	24-49
R212	4-143	R2212	24-64	R2230	24A-48
R212	4B-11	R2212	24A-64	R2230	28-18
R213	4-142	R2212	28-20	R2231	24-52
R213	4B-35	R2213	24-24	R2231	24A-51
R214	4-141	R2213	24A-25	R2231	28-2
R214	4B-37	R2213	28-2	R2233	24-23
R215	4-40	R2214	24-25	R2233	24A-9
R215	4B-13	R2214	24A-26	R2233	28-3
R216	4-139	R2214	28-2	R2234	24-5
R216	4B-13	R2215	24-6	R2234	24A-8
R217	4-98	R2215	24A-5	R2234	28-3
R217	4B-49	R2215	28-6	R2235	24-47
R218	4-27	R2216	24-8	R2235	24A-62
R218	4-27A	R2216	24A-6	R2235	28-3
R218	4B-55	R2216	28-2	R2236	24-59
R22	3-11	R2217	24-9	R2236	24A-61
R2201	24-55	R2217	24A-7	R2236	28-3
R2201	24A-53	R2217	28-4	R2237	24-53A
R2201	28-21	R2218	24-10	R2237	24A-45
R2202	24-60	R2218	24A-10	R2237	28-15
R2202	24A-56	R2218	28-5	R2238	24-11A
R2202	28-3	R2219	24-13	R2238	24A-24
R2203	24-54	R2219	24A-13	R2238	28-15
R2203	24A-52	R2219	28-4	R228	4-132
R2203	28-20	R222	4-84	R228	4B-5
R2204	24-4	R222	4B-49	R229	4-135
R2204	24-4A	R2220	24-15	R229	4B-49
R2204	24A-4	R2220	24A-14	R23	3-13
R2204	28-24	R2220	28-5	R230	4-131
R2205	24-58	R2221	24-12	R230	4B-37
R2205	24A-55	R2221	24A-12	R2301	5-143

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R2301	5-143A	R2320	26-143	R294	4B-189
R2301	26-121	R2321	5-160	R295	4B-191
R2301	26-121A	R2321	26-144	R296	4B-193
R2302	5-147	R2322	5-159	R3	3-129
R2302	26-123	R2322	26-145	R3	25-17
R2303	5-140	R233	4-122	R30	3-84C
R2303	26-86	R233	4B-5	R30	3-84D
R2304	5-141	R2330	2-129	R3001	5-195A
R2304	26-76	R2331	2-129	R3001	26-111
R2305	5-142	R234	4-123	R3002	5-174C
R2305	26-171	R234	4B-13	R3002	26-108
R2306	5-144	R235	4-107	R3003	5-174E
R2306	26-114	R235	4B-49	R3003	26-108
R2307	5-145	R236	4-108	R3004	5-165A
R2307	5-145A	R236	4B-5	R3004	5-165B
R2307	26-86	R237	4-118	R3004	26-189
R2308	5-146	R237	4B-13	R3004	26-189A
R2308	5-146A	R24	3-12	R3005	5-128A
R2308	5-146B	R240	4-117	R3005	5-128B
R2308	26-115	R240	4B-13	R3005	26-189
R2309	5-148	R2401	5-165	R3005	26-189A
R2309	5-148A	R2401	26-100	R3006	5-165C
R2309	5-148B	R2402	5-166	R3006	26-98
R2309	26-122	R2402	26-20	R3007	5-174A
R2309	26-122A	R2403	5-167	R3007	5-174B
R231	4-103	R2403	26-20	R3007	26-99
R231	4B-49	R2404	5-168	R3007	26-99A
R2310	5-151	R2404	26-158	R3007	26-99B
R2310	26-36	R2405	5-163	R3008	5-174D
R2311	5-152	R2405	26-149	R3008	26-98
R2311	26-36	R241	4-79	R3009	5-173A
R2312	5-150	R241	4B-49	R3009	26-19
R2312	26-36	R242	4-75	R301	5-232
R2313	5-154	R242	4B-35	R301	26-3
R2313	26-134	R243	4-74	R3010	5-115A
R2314	5-149	R243	4B-67	R3010	26-20
R2314	26-93	R244	4-86	R3011	5-117A
R2315	5-158	R244	4B-13	R3011	26-78
R2315	26-93	R245	4-89	R3012	5-118A
R2316	5-156	R245	4B-93	R3012	26-169
R2316	26-93	R25	3-96	R3013	5-191A
R2317	5-153	R250	4B-185	R3013	26-75
R2317	26-33	R251	4B-155	R3014	5-174H
R2318	5-155	R26	3-84B	R3014	26-59
R2318	26-33	R27	3-99	R3015	5-174J
R2319	5-162	R28	3-89	R3015	26-59
R2319	26-161	R29	3-89A	R3016	5-174F
R232	4-104	R29	3-90	R3016	26-59
R232	4B-197	R290	3-337	R3017	5-174G
R2320	5-161	R293	4B-187	R3017	26-59

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R3018	5-174	R320	5-222	R345	5-197
R3018	26-59	R320	26-19	R345	26-41
R3019	5-179A	R321	5-223	R346	5-110
R3019	26-191	R321	26-37	R346	26-42
R302	5-112	R323	5-225	R347	5-196
R302	26-3	R323	26-13	R347	26-42
R3020	5-245B	R324	5-217	R348	5-111
R3020	26-59	R324	26-17	R348	26-39
R3021	5-245A	R325	5-221	R349	5-195
R3021	26-59	R325	26-18	R349	26-46
R3022	26-190	R326	5-224	R35	3-78
R3023	26-190	R326	26-19	R350	5-194
R303	5-124	R327	5-216	R350	26-39
R303	26-3	R327	26-20	R351	5-115
R304	5-133	R328	5-209	R351	26-46
R304	26-3	R328	26-21	R352	5-193
R305	5-129	R329	5-207	R352	26-47
R305	26-77	R329	26-22	R353	5-192
R306	5-130	R33	3-102	R353	26-48
R306	26-77	R330	5-206	R354	5-191
R307	5-131	R330	26-68	R354	26-47
R307	26-77	R331	5-205	R355	5-190
R308	5-132	R331	26-70	R355	26-48
R308	26-77	R332	5-226	R356	5-213
R309	5-116	R332	26-69	R356	26-33
R309	26-19	R333	5-204	R357	5-219
R31	3-83A	R333	26-68	R357	26-36
R31	3-83B	R334	5-227	R359	5-218
R310	5-117	R334	26-21	R359	26-20
R310	26-43	R335	5-203	R36	3-77
R311	5-118	R335	26-71	R360	5-215
R311	26-44	R336	5-228	R360	26-169
R312	5-119	R336	26-72	R361	5-214
R312	26-19	R337	5-202	R361	5-214A
R313	5-120	R337	26-70	R361	26-34
R313	26-45	R338	5-229	R362	5-212
R314	5-121	R338	26-73	R362	26-20
R314	26-44	R339	5-201	R363	5-211
R315	5-122	R339	26-73	R363	26-17
R315	26-43	R34	3-81	R364	5-208
R316	5-123	R340	5-230	R364	26-24
R316	26-45	R340	26-42	R365	5-178
R317	5-136	R341	5-199	R365	26-20
R317	5-136A	R341	26-42	R366	5-177
R317	26-76	R342	5-231	R366	26-20
R318	5-138	R342	26-38	R367	5-127
R318	26-87	R343	5-198	R367	26-20
R319	5-220	R343	26-41	R368	5-128
R319	26-36	R344	5-235	R368	26-92
R32	3-101	R344	26-38	R369	5-173B

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R369	26-113	R395	26-156	R44	3-116
R37	3-76	R396	5-157	R440	6-125
R370	5-173	R396	26-165	R441	6-80
R370	26-113	R4	3-130	R442	6-81
R371	5-172	R4	3-130A	R443	6-82
R371	26-113	R4	3-130B	R443	6-82A
R372	5-137	R4	25-22	R444	6-83
R372	26-113	R40	3-111	R444	6-83A
R373	5-164	R401	6-104	R445	6-87
R373	26-20	R402	6-103	R446	6-119
R374	5-139	R403	6-105	R447	6-79
R374	26-92	R404	6-107	R448	6-73
R375	5-200	R405	6-102	R449	6-72
R375	26-24	R406	6-106	R45	3-112
R376	5-210	R407	6-108	R450	6-126
R376	26-36	R408	6-101	R451	6-61
R377	5-188	R409	6-109	R452	6-60
R377	26-51	R41	3-70	R453	6-134
R378	5-187	R410	6-110	R454	6-127
R378	26-52	R411	6-96	R455	6-128
R379	5-186	R412	6-97	R455	6-128A
R379	26-52	R413	6-114	R456	6-133
R38	3-75	R414	6-115	R457	6-129
R380	5-185	R415	6-116	R458	6-132
R380	26-38	R416	6-92	R459	6-130
R381	5-184	R417	6-93	R46	3-68
R381	26-51	R418	6-98	R460	6-131
R382	5-183	R419	6-99	R461	6-77
R382	26-54	R42	3-72	R461	6-77A
R383	5-182	R420	6-100	R462	6-78
R383	26-53	R421	6-111	R463	6-76
R384	5-180	R422	6-112	R463	6-76A
R384	26-54	R423	6-113	R464	6-75
R385	5-179	R424	6-88	R464	6-75A
R385	26-53	R425	6-89	R464	6-75B
R386	5-175	R426	6-90	R465	6-74
R386	26-109	R427	6-91	R465	6-74A
R39	3-107	R428	6-94	R466	6-135
R390	5-189	R429	6-95	R467	6-136
R390	5-189A	R43	3-71	R467	6-136A
R390	26-55	R430	6-117	R468	6-71
R391	5-181	R431	6-118	R469	6-70
R391	26-106	R432	6-84	R47	3-66
R392	5-176	R433	6-85	R470	6-69
R392	26-24	R434	6-86	R471	6-68
R393	5-171	R435	6-120	R472	6-67
R393	26-156	R436	6-121	R473	6-66
R394	5-170	R437	6-122	R474	6-65
R394	26-156	R438	6-123	R475	6-64
R395	5-169	R439	6-124	R476	6-63

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4()5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R476	6-63A	R527	7-59	R602	8A-19
R476	6-181	R528	7-73	R602	8B-15
R477	6-63B	R529	7-94	R602	27-3
R478	6-172A	R53	3-57	R603	8-23
R478	6-172B	R530	7-98	R603	8A-23
R479	6-172C	R531	7-68	R603	8B-13
R479	6-172D	R532	7-69	R603	27-38
R48	3-58	R533	7-67	R604	8-24
R49	3-64	R533	7-67A	R604	8A-24
R499	6-62	R534	7-66	R604	8B-30
R499	6-62A	R535	7-63	R604	27-6
R5	3-43	R536	7-80	R605	8-27
R5	25-33	R537	7-70	R605	8-27A
R50	3-65	R538	7-101	R605	8A-27
R501	7-52	R539	7-93	R605	8A-27A
R501	7-52A	R54	3-56	R605	8B-29
R501	7-52B	R540	7-106	R605	27-10
R502	7-111	R541	7-75	R606	8-49
R503	7-51	R542	7-81	R606	8A-49
R503	7-51A	R543	7-88	R606	8B-55
R503	7-51B	R544	7-97	R606	27-22
R504	7-105	R545	7-65	R606	27-22A
R505	7-112	R546	7-100	R607	8-55
R505	7-112A	R547	7-99	R607	8A-55
R505	7-112B	R548	7-64	R607	8B-28
R506	7-91	R549	7-58	R607	27-10
R507	7-89	R55	3-62	R608	8-46
R508	7-109	R55	3-62A	R608	8A-46
R509	7-108	R55	3-62B	R608	8B-27
R51	3-120	R550	7-61	R608	27-11
R510	7-104	R551	7-56	R609	8-47
R511	7-103	R552	7-96	R609	8-47A
R512	7-102	R553	7-90	R609	8A-47
R512	7-102A	R554	7-78	R609	8A-47A
R513	7-110	R555	7-67B	R609	8B-26
R514	7-107	R555	7-67C	R609	27-11
R515	7-53	R556	7-72A	R61	3-192
R516	7-54	R556	7-72B	R610	8-48
R517	7-55	R56	3-60	R610	8-48A
R518	7-74	R57	3-61	R610	8A-48
R519	7-79	R58	3-199	R610	8B-23
R52	3-121	R59	3-197	R610	27-39
R520	7-77	R6	3-44	R611	8-50
R521	7-71	R6	25-29	R611	8A-50
R522	7-62	R60	3-193	R611	8B-57
R523	7-57	R601	8-15	R611	27-23
R523	7-57A	R601	8A-15	R611	27-23A
R524	7-72	R601	8B-21	R612	8-57
R525	7-76	R601	27-6	R612	8A-57
R526	7-60	R602	8-19	R612	8B-24

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
R612	27-9	R624	8B-65	R702	9A-13
R613	8-58	R624	27-29	R702	9A-13A
R613	8A-58	R625	8-62	R703	9-59
R613	8B-25	R625	8A-62	R703	9-59A
R613	27-15	R625	8B-62	R703	9-59B
R614	8-56	R625	27-26	R703	9A-27
R614	8A-56	R626	8B-63	R704	9-53
R614	8B-31	R626	27-25	R704	9A-95
R614	27-9	R627	8B-61	R705	9-58
R615	8-54	R627	27-6	R705	9-58A
R615	8A-54	R628	8B-60	R705	9-58B
R615	8B-64	R628	27-6	R705	9A-23
R615	27-27	R629	8B-59	R706	9-55
R615	27-27A	R629	27-6	R706	9A-19
R616	8-61	R63	3-195	R707	9-56
R616	8A-61	R630	8B-44	R707	9A-17
R616	8B-32	R630	27-6	R708	9-54
R616	27-32	R631	8B-42	R708	9A-7
R617	8-60	R631	27-6	R709	9-60
R617	8A-60	R632	8B-43	R709	9A-5
R617	8B-33	R632	27-6	R71	3-183
R617	27-28	R633	8B-54	R710	9-52
R618	8-59	R633	27-6	R710	9A-5
R618	8A-59	R634	8B-53	R711	9-51
R618	8B-36	R634	27-6	R711	9A-93
R618	27-6	R635	8B-76	R712	9-63
R619	8-53	R635	27-6	R712	9A-37
R619	8A-53	R636	8B-75	R713	9-64
R619	8B-58	R636	27-24	R713	9A-37
R619	27-22	R636	27-24A	R714	9-65
R619	27-22A	R637	8B-74	R714	9A-47
R62	3-196	R637	27-3	R715	9-73
R620	8-28	R638	8B-72	R715	9A-59
R620	8A-28	R638	27-13	R716	9-74
R620	8B-37	R639	8B-73	R716	9A-19
R620	27-6	R639	27-34	R717	9-72
R621	8-40	R64	3-139	R717	9A-61
R621	8A-40	R65	3-190	R718	9-98
R621	8B-77	R66	3-143	R718	9A-31
R621	27-29	R67	3-185	R719	9-93
R622	8-38	R68	3-151	R719	9A-91
R622	8A-38	R69	3-152	R72	3-174
R622	8B-68	R7	3-24	R720	9-94
R622	27-6	R7	25-31	R720	9A-59
R623	8-39	R70	3-184	R721	9-95
R623	8A-39	R701	9-62	R721	9A-61
R623	8B-66	R701	9-62A	R722	9-67
R623	27-30	R701	9-62B	R722	9A-19
R624	8-10	R701	9A-29	R723	9-77
R624	8A-10	R702	9-57	R723	9-77A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R723	9-77B	R744	9-90	R805	10-114A
R723	9A-29	R744	9A-61	R805	10-114B
R724	9-80	R745	9-61	R806	10-108
R724	9-80A	R745	9A-25	R807	10-109
R724	9A-63	R746	9-66	R808	10-107
R724	9A-63A	R746	9A-47	R809	10-129
R725	9-78	R748	9A-53	R81	3-278
R725	9-78A	R749	9A-49	R810	10-103
R725	9-78B	R75	3-175	R810	10-103A
R725	9A-27	R750	9A-53	R811	10-106
R726	9-83	R751	9A-51	R812	10-105
R726	9A-71	R751	9A-51A	R813	10-104
R727	9-79	R752	9A-49	R814	10-116
R727	9-79A	R753	9A-19	R815	10-118
R727	9-79B	R754	9A-19	R816	10-126
R727	9A-23	R755	9A-43	R817	10-124
R728	9-82	R756	9A-19	R818	10-119
R728	9A-19	R757	9A-89	R819	10-125
R729	9-81	R758	9A-19	R82	3-286
R729	9A-17	R759	9A-19	R820	10-121
R73	3-177	R76	3-160	R821	10-123
R730	9-89	R760	9A-89	R821	10-123A
R730	9A-7	R761	9A-73	R822	10-112
R731	9-84	R762	9A-59	R822	10-112A
R731	9A-31	R763	9A-67	R822	10-112B
R732	9-85	R764	9A-75	R822	10-112C
R732	9A-79	R765	9A-57	R823	10-122
R733	9-86	R765	9A-57A	R824	10-117
R733	9A-77	R766	9A-43	R824	10-117A
R734	9-88	R767	9A-43	R824	10-117B
R734	9A-19	R768	9A-43	R825	10-115
R735	9-76	R769	9A-19	R828	10-93
R735	9A-37	R77	3-172	R829	10-88A
R736	9-75	R78	3-173	R83	3-269
R736	9A-37	R79	3-170	R831	10-90
R737	9-68	R79	3-170A	R832	10-83
R737	9A-47	R79	3-170B	R833	10-85
R738	9-70	R8	3-135	R834	10-137
R738	9A-19	R8	3-135A	R835	10-89
R739	9-92	R8	25-28	R835	10-89A
R739	9A-91	R80	3-165	R836	10-88
R74	3-176	R801	10-111	R837	10-148
R740	9-71	R801	10-111A	R838	10-100
R740	9A-59	R801	10-111B	R839	10-134
R741	9-69	R802	10-113	R84	3-265
R741	9A-19	R803	10-110	R840	10-136
R742	9-87	R803	10-110A	R841	10-135
R742	9A-83	R803	10-110B	R842	10-147
R743	9-91	R804	10-120	R843	10-95
R743	9A-31	R805	10-114	R844	10-98

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
R845	10-99	R885	10-26F	R919	11A-76
R846	10-82	R885	10-26L	R92	3-220
R847	10-87	R89	3-251	R92	3-220A
R848	10-86	R9	3-22	R92	3-325
R849	10-94	R9	25-39	R920	11-70
R85	3-293	R9	25-51	R920	11A-70
R850	10-146	R90	3-227	R921	11-100
R851	10-139	R901	11-31	R921	11A-100
R852	10-84	R901	11A-31	R922	11-102
R853	10-143	R902	11-32	R922	11A-102
R854	10-74	R902	11A-32	R923	11-106
R855	10-80	R903	11-28	R923	11A-106
R856	10-131	R903	11A-28	R924	11-108
R857	10-130	R904	11-27	R924	11A-108
R858	10-144	R904	11A-27	R925	11-107
R859	10-75	R905	11-26	R925	11A-107
R859	10-75A	R905	11A-26	R926	11-109
R86	3-260	R906	11-94	R926	11A-109
R860	10-76	R906	11A-94	R927	11-110
R861	10-133	R907	11-95	R927	11A-110
R862	10-97	R907	11-95A	R928	11-111
R862	10-97A	R907	11A-95	R928	11A-111
R862	10-97B	R908	11-96	R929	11-63
R863	10-96	R908	11A-96	R929	11A-63
R863	10-96A	R909	11-92	R93	3-236
R863	10-96B	R909	11A-92	R930	11-64
R864	10-102	R91	3-225	R930	11A-64
R865	10-101	R910	11-80	R931	11-65
R866	10-140	R910	11A-80	R931	11A-65
R866	10-140A	R911	11-21	R932	11-44
R867	10-145	R911	11A-21	R932	11A-44
R868	10-138	R912	11-19	R933	11-46
R869	10-132	R912	11-19A	R933	11A-46
R87	3-296	R912	11A-19	R934	11-15
R870	10-142	R913	11-42	R934	11A-15
R871	10-141	R913	11-42A	R935	11-11
R872	10-81	R913	11A-42	R935	11A-11
R873	10-77	R914	11-17	R936	11-53
R874	10-128	R914	11-158	R936	11A-53
R875	10-127	R914	11-158A	R937	11-54
R876	10-79	R914	11A-17	R937	11A-54
R876	10-79A	R915	11-20	R938	11-2
R877	10-78	R915	11A-20	R938	11A-2
R877	10-78A	R916	11-99	R939	11-8
R878	10-91	R916	11A-99	R939	11A-8
R878	10-91A	R917	11-71	R94	3-238
R879	10-92	R917	11A-71	R940	11-112
R879	10-92A	R918	11-74	R940	11A-112
R88	3-248	R918	11A-74	R941	11-56
R880	10-90A	R919	11-76	R941	11A-56

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM	EQUIPMENT DESIGNATOR	FIG-ITEM
R941	11A-56A	R962	11A-135	R986	11-173
R942	11-60	R963	11-140	R986	11A-173
R942	11A-60	R963	11A-140	R987	11-125
R943	11-57	R964	11-142	R987	11A-125
R943	11A-57	R964	11A-142	R988	11-172
R944	11-68	R965	11-156	R988	11A-172
R944	11A-68	R965	11A-156	R989	11-58
R945	11-151	R966	11-157	R989	11A-58
R945	11A-151	R966	11A-157	R99	3-203
R946	11-152	R967	11-147	R990	11-79
R946	11A-152	R967	11A-147	R990	11A-79
R947	11-146	R968	11-153	S1	2-11A
R947	11A-146	R968	11A-153	S1	3-106
R948	11-145	R969	11-154	S1001	12-2
R948	11-145A	R969	11A-154	S1101	13-22
R948	11-145B	R97	3-209	S2	2-11B
R948	11A-145	R970	11-155	S3	2-11C
R949	11-144	R970	11A-155	S301	5-289
R949	11A-144	R971	11-159	S301	5-289A
R95	3-244	R971	11A-159	S301	26-101
R950	11-141	R972	11-160	S401	6-175
R950	11A-141	R972	11A-160	S501	7-43
R950	11A-141A	R972	11A-160A	S601	8-31
R951	11-137	R973	11-161	S601	8A-31
R951	11-137A	R973	11A-161	S601	8B-34
R951	11-137B	R974	11-164	S601	27-16
R951	11A-137	R974	11A-164	S701	9-33
R951	11A-137A	R975	11-166	S702	9-50
R952	11-128	R975	11A-166	S801	10-50
R952	11A-128	R976	11-167	S901	11A-174
R953	11-118	R976	11A-167	T1201	14-34
R953	11A-118	R977	11-168	T1202	14-23
R954	11-116	R977	11A-168	T2301	5-272
R954	11A-116	R978	11-169	T2301	26-162
R955	11-120	R978	11A-169	T2302	5-273
R955	11A-120	R979	11-170	T2302	26-162
R956	11-122	R979	11A-170	T2401	5-284
R956	11A-122	R98	3-206	T2401	26-150
R957	11-165	R980	11-73	U1	3-47
R957	11A-165	R980	11A-73	U1	3-47A
R958	11-130	R981	11-176	U1	25-19
R958	11A-130	R981	11A-176	U10	3-127
R959	11-171	R982	11-127	U10	3-127A
R959	11A-171	R982	11A-127	U1001	12-20
R96	3-242	R983	11-126	U1001	12-20A
R960	11-162	R983	11A-126	U1002	12-19
R960	11A-162	R984	11-124	U1002	12-19A
R961	11-136	R984	11A-124	U1002	12-19B
R961	11A-136	R985	11-123	U1003	12-14
R962	11-135	R985	11A-123	U1004	12-11

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
U1005	12-10	U1804	20-67	U201	4-43A
U1005	12-10A	U1805	20-68	U201	4B-9
U1006	12-9	U1807	20-58	U2201	24-63
U1007	12-7	U1808	20-61	U2201	24A-63
U1101	13-23	U1809	20-64	U2201	28-23
U1102	13-7	U1809	20-64A	U2202	24-31
U1103	13-18	U1810	20-66	U2202	24-31A
U1103	13-18A	U1811	20-69	U2202	24A-32
U1103	13-18B	U1812	20-75	U2202	24A-32A
U1104	13-21	U1812	20-75A	U2202	28-12
U1105	13-26	U1812	20-75B	U2202	28-12A
U1106	13-46	U1813	20-59	U2203	24-44
U1107	13-28	U1813	20-59A	U2203	24-44A
U1108	13-29	U1815	20-92	U2203	24A-43
U1108	13-29A	U1815	20-92A	U2203	24A-43A
U1109	13-4	U1816	20-90	U2203	28-14
U1110	13-2	U1816	20-90A	U2203	28-14A
U1111	13-5	U1817	20-88	U2204	24-40
U1301	15-7	U1819	20-47	U2204	24-40A
U1302	15-13	U1819	20-47A	U2204	24A-38
U1302	15-13A	U1821	20-91	U2204	24A-38A
U1302	15-13B	U1822	20-89	U2204	28-13
U1303	15-2	U1822	20-89A	U2204	28-13A
U1303	15-2A	U1823	20-87	U2205	24-22
U1303	15-2B	U1901	21-26	U2205	24-22A
U1401	16-5	U1901	21-26A	U2205	24A-22
U1402	16-4	U1902	21-27	U2205	24A-22A
U1402	16-4A	U1903	21-29	U2205	28-8
U1403	16-15	U1903	21-29A	U2205	28-8A
U1403	16-15A	U1904	21-31	U2206	24-17
U1404	16-3	U1905	21-35	U2206	24-17A
U1404	16-3A	U1906	21-40	U2206	24A-18
U1405	16-18	U1907	21-28	U2206	24A-18A
U1405	16-18A	U1908	21-34	U2206	28-8
U1406	16-29	U1908	21-34A	U2206	28-8A
U1407	16-58	U1910	21-62	U2207	24-28
U1408	16-27	U1911	21-57	U2207	24-28A
U1409	16-56	U1911	21-57A	U2207	24A-29
U1410	16-54	U1912	21-53	U2207	24A-29A
U1410	16-54A	U1912	21-53A	U2207	28-25
U1411	16-52	U1912	21-53B	U2207	28-25A
U1411	16-52A	U1915	21-66	U2301	5-253
U1601	18-11	U1916	21-54	U2301	5-253A
U1601	18-11A	U1916	21-54A	U2301	26-79
U1601	18-11B	U1916	21-54B	U2301	26-79A
U1602	18-12	U1918	21-52	U2302	2-2
U1602	18-12A	U1918	21-52A	U2302	2-2A
U1801	20-62	U2	3-49	U2303	5-260
U1802	20-63	U2	25-38	U2303	26-201
U1803	20-65	U201	4-43	U2304	5-261

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
U2304	5-261A	U310	5-247A	U329	26-56
U2304	26-117	U310	26-25	U329	26-56A
U2304	26-117A	U310	26-25A	U330	5-292
U2305	5-266	U311	5-250	U330	5-292A
U2305	26-140	U311	26-91	U330	26-107
U2306	5-265	U311	26-91A	U330	26-107A
U2306	5-265A	U312	5-252	U331	5-312
U2306	26-168	U312	26-91	U331	26-29
U2306	26-168A	U312	26-91A	U332	5-310
U2307	5-276	U313	5-317	U332	26-29
U2307	5-276A	U313	5-317A	U333	5-303
U2307	26-147	U313	26-27	U333	26-60
U2307	26-147A	U313	26-27A	U334	5-293
U2401	5-285	U314	5-237	U334	26-104
U2401	5-285A	U314	5-237A	U335	5-288
U2401	26-192	U314	26-27	U335	26-102
U2401	26-192A	U314	26-27A	U336	5-311
U3	3-15	U315	5-240	U336	26-29
U3	3-15A	U315	5-240A	U337	5-309
U3	25-37	U315	26-25	U337	26-64
U301	5-239	U315	26-25A	U338	5-308
U301	5-239A	U316	5-246	U338	5-308A
U301	26-15	U316	5-246A	U338	26-63
U302	5-242	U316	26-50	U338	26-63A
U302	5-242A	U316	26-50A	U339	5-305
U302	26-74	U317	5-248	U339	5-305A
U302	26-74A	U317	5-248A	U339	5-305B
U303	5-244	U317	26-25	U339	26-61
U303	26-40	U317	26-25A	U339	26-61A
U304	5-251	U318	5-249	U340	5-290
U304	5-251A	U318	26-112	U340	5-290A
U304	26-25	U319	5-259	U340	26-103
U304	26-25A	U319	26-96	U340	26-103A
U305	5-236	U320	5-315	U341	5-287A
U305	5-236A	U320	26-28	U341	5-287B
U305	26-25	U321	5-316	U341	26-192
U305	26-25A	U321	26-28	U341	26-192A
U306	5-238	U322	5-307	U4	3-95
U306	5-238A	U322	26-65	U4	3-95A
U306	26-67	U323	5-306	U4	25-32
U306	26-67A	U323	5-306A	U401	6-158
U307	5-241	U323	26-50	U402	6-161
U307	26-66	U323	26-50A	U403	6-189
U308	5-243	U324	5-287	U404	6-159
U308	26-66	U325	5-314	U405	6-162
U309	5-245	U325	26-28	U405	6-162A
U309	26-49	U326	5-313	U406	6-155
U309	26-49A	U326	26-28	U407	6-156
U309	26-49B	U329	5-302	U408	6-160
U310	5-247	U329	5-302A	U409	6-163

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
U410	6-153	U502	7-37A	U605	8B-39A
U411	6-154	U503	7-36	U605	27-7
U412	6-164	U504	7-32	U606	8-35
U412	6-164A	U506	7-42	U606	8A-35
U413	6-165	U506	7-42A	U606	8B-41
U414	6-151	U507	7-31	U606	27-17
U415	6-152	U507	7-31A	U607	8-21
U416	6-166	U508	7-30	U607	8-21A
U416	6-166A	U509	7-45	U607	8A-21
U417	6-167	U509	7-45A	U607	8A-21A
U417	6-167A	U510	7-44	U607	8B-12
U418	6-150	U511	7-24	U607	27-12
U418	6-150A	U511	7-24A	U608	8-36
U419	6-149	U512	7-49	U608	8A-36
U420	6-168	U512	7-49A	U608	8B-40
U421	6-169	U513	7-3	U608	8B-48
U422	6-148	U513	7-3A	U608	8B-48A
U422	6-148A	U514	7-22	U608	27-14
U423	6-147	U515	7-7	U608	27-14A
U424	6-171	U515	7-7A	U609	8-34
U425	6-170	U516	7-21	U609	8-34A
U426	6-146	U517	7-8	U609	8A-34
U427	6-145	U517	7-8A	U609	8A-34A
U427	6-145A	U6	3-103	U609	8B-47
U428	6-171A	U6	25-25	U609	27-17
U428	6-172	U601	8-20	U610	8-37
U429	6-144	U601	8A-20	U610	8A-37
U430	6-143	U601	8B-22	U610	8B-11
U430	6-143A	U601	8B-22A	U610	8B-11A
U431	6-173	U601	27-7	U610	27-36
U431	6-173A	U602	8-29	U610	27-36A
U431	6-173B	U602	8A-29	U611	8-12
U432	6-142	U602	8B-38	U611	8A-12
U432	6-142A	U602	27-12	U611	8B-50
U432	6-142B	U603	8-33	U611	8B-50A
U433	6-141	U603	8-33A	U611	27-19
U433	6-141A	U603	8A-33	U611	27-19A
U434	6-137	U603	8A-33A	U612	8-51
U434	6-137A	U603	27-17	U612	8-51A
U434	6-137B	U604	8-22	U612	8A-51
U434	6-137C	U604	8-22A	U612	8A-51A
U435	6-139	U604	8A-22	U612	8B-49
U435	6-139A	U604	8B-20	U612	8B-49A
U436	6-138	U604	8B-20A	U612	27-20
U436	6-138A	U604	27-8	U612	27-20A
U5	3-82	U604	27-8A	U613	8-42
U5	25-27	U605	8-30	U613	8A-42
U501	7-40	U605	8-30A	U613	8B-71
U501	7-40A	U605	8A-30	U613	8B-71A
U502	7-37	U605	8B-39	U613	27-35

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
U613	27-35A	U712	9-20	U810	10-23A
U614	8-64	U712	9-20A	U811	10-29
U614	8-64A	U712	9A-87	U811	10-29A
U614	8A-64	U713	9-25	U812	10-16
U614	8A-64A	U713	9-25A	U813	10-14
U614	8B-56	U713	9A-21	U814	10-17
U614	27-21	U714	9-30	U815	10-40
U615	8-52	U714	9-30A	U815	10-40A
U615	8A-52	U714	9A-21	U816	10-44
U615	8B-70	U715	9-11	U816	10-44A
U615	8B-70A	U715	9A-35	U818	10-66
U615	27-33	U715	9A-35A	U818	10-66A
U615	27-33A	U716	9-21	U819	10-49
U616	8-63	U716	9-21A	U820	10-45
U616	8-63A	U716	9A-55	U820	10-45A
U616	8A-63	U716	9A-55A	U821	10-62
U616	8A-63A	U717	9-28	U823	10-46
U7	3-104	U717	9A-35	U823	10-46A
U7	25-26	U717	9A-35A	U823	10-157
U701	9-7	U718	9-16	U824	10-48
U701	9-7A	U718	9-16A	U9	3-59
U701	9-7B	U718	9A-21	U901	11-39
U701	9-7C	U719	9-27	U901	11-39A
U701	9A-9	U719	9-27A	U901	11A-39
U701	9A-9A	U719	9A-21	U901	11A-39A
U703	9-48	U720	9A-85	U901	11A-39B
U703	9A-65	U720	9A-85A	U902	11-47
U704	9-44	U721	9A-55	U902	11-47A
U704	9-44A	U721	9A-55A	U902	11A-47
U704	9A-22	U722	9A-55	U902	11A-47A
U705	9-38	U722	9A-55A	U903	11-3
U705	9-38A	U8	3-73	U903	11A-3
U705	9A-45	U801	10-25	U904	11-24
U706	9-32	U802	10-27	U904	11-24A
U706	9A-65	U802	10-27A	U904	11A-24
U708	9-31	U803	10-30	U904	11A-24A
U708	9-31A	U804	10-35	U905	11-12
U708	9-31B	U804	10-35A	U905	11-12A
U708	9-31C	U805	10-24	U905	11A-12
U708	9A-9	U806	10-26	U905	11A-12A
U708	9A-9A	U806	10-26A	U906	11-10
U709	9-10	U806	10-159	U906	11-10A
U709	9-10A	U807	10-31	U906	11A-10
U709	9A-21	U807	10-31A	U906	11A-10A
U710	9-17	U808	10-39	U907	11-91
U710	9-17A	U808	10-39A	U907	11A-91
U710	9A-21	U808	10-155	U908	11-98
U711	9-43	U809	10-20	U908	11-98A
U711	9-43A	U809	10-20A	U908	11A-98
U711	9A-45	U810	10-23	U908	11A-98A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

EQUIPMENT DESIGNATOR INDEX

EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM	EQUIPMENT DESIGNATOR	FIG- ITEM
U909	11-55	VR1102	13-39	Y2201	24A-57
U909	11-55A	VR1201	14-27	Y2201	28-22
U909	11A-55	VR1801	20-77	Y301	5-301
U909	11A-55A	VR1901	21-21	Y301	26-105
U910	11-88	VR2209	24-35	Z1-Z11	3-369
U910	11-88A	VR2210	24-48	Z1-Z8	4B-159
U910	11A-88	VR2210	24A-47	Z9	4B-161
U910	11A-88A	VR2210	28-17		
U911	11-97	VR2301	5-264		
U911	11A-97	VR2301	26-125		
U912	11-62	VR2303	26-193		
U912	11A-62	VR2304	26-193		
U912	11A-62A	VR2401	5-286		
U912	11A-62B	VR2401	26-97		
U913	11-66	VR3	3-264		
U913	11A-66	VR302	5-304		
U914	11A-158	VR302	26-57		
U914	11A-158A	VR5	3-100		
U915	11-114	W1	4B-147		
U915	11-114A	XT2301,XT2302	5-274		
U915	11A-114	XU1102	13-8		
U915	11A-114A	XU2203	24-45		
U916	11-115	XU2203	24A-44		
U916	11-115A	XU2204	24-41		
U916	11A-115	XU2204	24A-39		
U916	11A-115A	XU331	5-328		
U917	11-143	XU332	5-330		
U917	11A-143	XU334	5-326		
U918	11-139	XU335	5-337		
U918	11-139A	XU336	5-331		
U918	11A-139	XU337	5-334		
U918	11A-139A	XU339	5-332		
U919	11-134	XU340	5-291		
U919	11-134A	XU340	5-291A		
U919	11A-134	XU340	26-181		
U919	11A-134A	XU429	6-187		
U920	11-117	XU431	6-173C		
U920	11-117A	XU432	6-187		
U920	11A-117	XU901	11-179		
U920	11A-117A	XU901	11A-40		
U921	11-133	XU907	11-179		
U921	11A-133	XU907	11A-179		
U921	11A-133A	XU912	11-179		
U922	11-131	Y1101	13-17		
U922	11-131A	Y1601	18-19		
U922	11A-131	Y1701	19-2		
U922	11A-131A	Y1801	20-9		
U923	11-119	Y2001	22-12		
U923	11A-119	Y2101	23-2		
VR1	3-21	Y2201	24-56		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

3. Numerical Index

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
AB368-3		3-322	1	ATF325		10-39A	1
AD11-107		4B-165	2	ATF350		6-173B	1
		5-237	1			11A-39B	1
		5-237A	1	AT22V10L25JI		32-224	1
		5-317	1	A1090		5-272	1
		5-317A	1			5-272	1
		26-27	2			5-273	1
		26-27A	2			5-273	1
AD11-99		31-239	2			26-162	2
		5-313	1			26-162	2
		5-314	1			31-139	2
		5-315	1			31-139	2
		5-316	1	A1415		14-23	1
		26-28	4	A1475		14-34	1
AD7520JD		31-237	4	A202		5-51	1
		5-313	1			26-135	1
		5-314	1			31-155	1
		5-315	1	BAL74		34-49	1
		5-316	1			34-49	1
		26-28	4	BAW100		32-105	3
		31-237	4			32-105	3
AD7520KD		5-237A	1	BB109-6131-020		20-6A	1
		5-317A	1			20-6B	1
		26-27A	2			20-6D	1
		31-239	2			20-7A	1
AD7533AQ		5-313	1			20-7B	1
		5-314	1			20-7D	1
		5-315	1	BB409E		20-6A	1
		5-316	1			20-6B	1
		26-28	4			20-6D	1
		31-237	4			20-7A	1
AD7533BQ		5-237A	1			20-7B	1
		5-317A	1			20-7D	1
		26-27A	2	BB409F		20-6A	1
		31-239	2			20-6B	1
ALB5-9R000F		5-112	1			20-6D	1
		5-124	1			20-7A	1
		5-133	1			20-7B	1
		5-232	1			20-7D	1
		26-3	4	BB409J		20-6A	1
		31-3	4			20-6B	1
AM27S181BJA		31-475	1			20-6D	1
AM27S31BJA		24-40B	1			20-7A	1
AM2716B250BJA		13-18E	1			20-7B	1
ATC100A1R3CP50X		36-27	1			20-7D	1
ATC100A1R5BP50X		35-15	1	BB409T		20-6E	1
		36-17	1			20-7E	1
ATC100A2R7BP50X		35-25	2			34-131	2
		36-29	3	BFR84		3-158D	1
ATC100A220JP50X		35-23	2			3-166D	1
		36-23	2			3-211D	1
ATC100A270JP50X		36-25	1			3-222C	1
ATC100A4R7BP50X		35-17	2			3-245C	1
		36-31	3			3-263D	1
ATC100A6R8BP50X		35-19	1			3B-61	6
		36-19	1			4B-47A	3
ATC100A7R5BP50X		35-21	1			4B-63A	1
		36-21	1	BF995		32-93	1
ATF325		7-7A	1	BF996		32-95	4
		7-7D	1	BF996S		32-95	4
		9A-35A	2	BP3132-3		4-90	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
BP3132-3		4B-89	1	CDFY121J0		6-5	1
		21-73	1			6-5A	1
		23-25	1			6-5B	1
BSR14		32-97	2			6-5E	1
		34-45	2			6-47	1
BSR16		32-99	4			6-47A	1
CA0723T		5-276A	1			6-47B	1
		26-147A	1			6-47E	1
		31-229	1			11-41	1
CA0723T21		5-276A	1			11-41A	1
		26-147A	1			11-51	1
		31-229	1			11-51A	1
CA723T		5-276	1			11A-41	1
		5-276A	1			11A-51	1
		26-147	1	CDFY221J0		4-33	1
		26-147A	1			4-69	1
		31-229	1			18-2	1
CA723T21		5-276A	1			22-16	1
		26-147A	1	CDP1802AD		5-290	1
		31-229	1			13-7	1
CB50-1812		32-241	2			24-44	1
CB50-453215T		32-241	2			24-44A	1
CCR05CG470JM		19-25A	1			24A-43	1
		23-24A	1			24A-43A	1
CCR05CG470JR		19-25A	1			26-103	1
		23-24A	1			28-14	1
CCR05CG560JM		4-95A	1			28-14A	1
		4-112A	1			31-455	1
		4-128A	1	CDP1802AD3		13-7	1
		4-140A	1			13-7	1
		4B-41	4			24-44A	1
		18-17A	1			24-44A	1
		18-18A	1			24A-43A	1
		22-8A	1			24A-43A	1
		22-9A	1			28-14A	1
CCR05CG560JR		4-95A	1			28-14A	1
		4-112A	1			31-455	1
		4-128A	1			31-455	1
		4-140A	1	CDP1802D3		13-7	1
		4B-41	4			24-44A	1
		18-17A	1			24A-43A	1
		18-18A	1			28-14A	1
		22-8A	1			31-455	1
		22-9A	1	CDP1824D		5-309	1
CCR75CG180JR		4-69A	1			13-46	1
CDB19-5FD821J03		3-110A	1			26-64	1
CDB5CC100D03		3-223	1			31-271	1
CDB5EY270J03		3-53D	1	CDP1824D3		5-309	1
CDB5FY101J03		3-113E	1			13-46	1
		3-114E	1			26-64	1
CDB5FY181J03		6-20E	1			31-271	1
CDB5FY241J03		3-115D	1	CDP1832DS2241		20-47A	1
		3-142E	1	CDP1832DS2242		21-52A	1
		3-156E	1	CDP1832DS2244		8-21A	1
		3-163E	1			8A-21A	1
		3-191E	1			8B-20A	1
		3-246E	1			27-8A	1
		3-276E	1	CDP1832D91176		20-47A	1
CDB5FY401J03		6-14E	1	CDP1832D91177		21-52A	1
		11-25A	1	CDP1832D91179		8-21A	1
		11-59A	1			8A-21A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CDP1832D91179		8B-20A	1	CD4020BF		5-242A	1
		27-8A	1			5-242A	1
CD4001UBF		6-156	1			7-37	1
		6-170	1			7-37A	1
		12-14	1			7-37A	1
CD40032D84916		8-21	1			10-27	1
		8-21A	1			10-27A	1
		8A-21	1			10-27A	1
		8A-21A	1			11-117	1
		8B-20	1			11-117A	1
		8B-20A	1			11-117A	1
		27-8	1			11A-117	1
		27-8A	1			11A-117A	1
CD4013BF		3-104	1			11A-117A	1
		3B-45	1			26-74	1
		6-146	1			26-74A	1
		6-151	1			26-74A	1
		6-153	1			31-251	1
		6-160	1			31-251	1
		6-163	1	CD4020BMJ		5-242A	1
		6-189	1			7-37A	1
		8-20	1			10-27A	1
		8-36	1			11-117A	1
		8-52	1			11A-117A	1
		8A-20	1			26-74A	1
		8A-36	1			31-251	1
		8A-52	1	CD4021BF		6-159	1
		8B-40	1			6-161	1
		8B-41	1			12-7	1
		8B-47	1			12-9	1
		20-61	1			13-2	1
		20-65	1			13-4	1
		21-31	1	CD4022BF		6-150	1
		21-35	1			6-150A	1
		21-40	1			6-150A	1
		27-17	3			8-33	1
CD4015BF		5-244	1			8-33A	1
		5-244	1			8-33A	1
		26-40	1			8A-33	1
		26-40	1			8A-33A	1
		31-257	1			8A-33A	1
		31-257	1	CD4022BF3A		6-150A	1
CD4018BF		6-169	1			8-33A	1
		6-169	1			8A-33A	1
		20-58	1	CD4022BMJ		6-150	1
		20-58	1			6-150A	1
		20-63	1			8-33	1
		20-63	1			8-33A	1
CD4018BMJ		6-169	1			8A-33	1
		20-58	1			8A-33A	1
		20-63	1	CD4022BMJ883		6-150A	1
CD4020BCN		24-28A	1			8-33A	1
		24A-29A	1			8A-33A	1
		28-25A	1	CD4022BMJ883C		6-150A	1
CD4020BE		24-28A	1			8-33A	1
		24-28A	1			8A-33A	1
		24A-29A	1	CD4023UBF		20-91	1
		24A-29A	1	CD4023UBF3A		20-91	1
		28-25A	1	CD4024BF		6-143	1
		28-25A	1			6-143A	1
CD4020BF		5-242	1			6-143A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CD4024BF		6-162	1	CD4029BF		8A-51	1
		6-162A	1			8A-51A	1
		6-162A	1			8A-51A	1
		11-88	1			8B-49	1
		11-88A	1			8B-49A	1
		11-88A	1			8B-49A	1
		11-114	1			10-31	1
		11-114A	1			10-31A	1
		11-114A	1			10-31A	1
		11A-47	1			27-20	1
		11A-88	1			27-20A	1
		11A-88A	1			27-20A	1
		11A-88A	1	CD4029BMJ		6-148A	1
		11A-114	1			7-40A	1
		11A-114A	1			8-51A	1
		11A-114A	1			8A-51A	1
		18-12	1			8B-49A	1
		18-12A	1			10-31A	1
		18-12A	1			27-20A	1
CD4027BMJ		6-164	1	CD4040BF		5-303	1
		6-164A	1			5-303	1
		6-164A	1			6-149	1
		6-166	1			6-149	1
		6-166A	1			6-158	1
		6-166A	1			6-158	1
		7-42	1			8-12	1
		7-42A	1			8-12	1
		7-42A	1			8-29	1
		10-26	1			8-29	1
		10-26A	1			8-42	1
		10-159	1			8-42	1
		10-159	1			8A-12	1
		12-10	1			8A-12	1
		12-10A	1			8A-29	1
		12-10A	1			8A-29	1
CD4028BF		5-308A	1			8A-42	1
		26-63A	1			8A-42	1
		31-265	1			8B-12	1
CD4028BF3A		5-308A	1			8B-12	1
		26-63A	1			8B-38	1
CD4028BMJ		31-265	1			8B-38	1
		5-308	1			13-5	1
		5-308A	1			13-5	1
CD4028BMJ883		26-63	1			26-60	1
		26-63A	1			26-60	1
		31-265	1			27-12	2
		5-308A	1			27-12	2
		26-63A	1			31-253	1
CD4028BMJ883C		31-265	1			31-253	1
		5-308A	1	CD4040BMJ		5-303	1
		26-63A	1			6-149	1
CD4029BF		31-265	1			6-158	1
		6-148	1			8-12	1
		6-148A	1			8-29	1
		6-148A	1			8-42	1
		7-40	1			8A-12	1
		7-40A	1			8A-29	1
		7-40A	1			8A-42	1
		8-51	1			8B-12	1
		8-51A	1			8B-38	1
		8-51A	1			13-5	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CD4040BMJ		26-60	1	CD4046BF		11A-62	1
		27-12	2			11A-62A	1
		31-253	1			11A-62A	1
		5-293	1			11A-62B	1
CD4042BF		5-293	1			11A-62B	1
		13-21	1			11A-91	1
		13-21	1			11A-91	1
		26-104	1	CD4049CN		24-31A	1
		26-104	1			24A-32A	1
		31-261	1			28-12A	1
		31-261	1			3-47	1
CD4042BMJ		5-293	1	CD4049MJ		3-47A	1
		13-21	1			3B-47	1
		26-104	1			5-302	1
		31-261	1			5-302A	1
CD40440BF		5-303	1			6-167	1
		5-303	1			6-167A	1
		6-149	1			8-34	1
		6-149	1			8-34A	1
		6-158	1			8A-34	1
		6-158	1			8A-34A	1
		8-12	1			8B-50	1
		8-12	1			8B-50A	1
		8-29	1			9-20	1
		8-29	1			9-20A	1
		8-42	1			9A-87	1
		8-42	1			10-23	1
		8A-12	1			10-23A	1
		8A-12	1			11-115	1
		8A-29	1			11-115A	1
		8A-29	1			11A-115	1
		8A-42	1			11A-115A	1
		8A-42	1			20-92	1
		8B-12	1			20-92A	1
		8B-12	1			21-29	1
		8B-38	1			21-29A	1
		8B-38	1			26-56	1
		13-5	1			26-56A	1
		13-5	1			27-19	1
		26-60	1			27-19A	1
		26-60	1			31-259	1
		27-12	2	CD4049UBE		24-31A	1
		27-12	2			24-31A	1
		31-253	1			24A-32A	1
		31-253	1			24A-32A	1
CD4046BF		6-142	1			28-12A	1
		6-142A	1			28-12A	1
		6-142B	1	CD4049UBF		3-47	1
		6-142B	1			3-47A	1
		6-142D	1			3B-47	1
		6-142D	1			5-302	1
		6-144	1			5-302A	1
		6-144	1			6-167	1
		6-144B	1			6-167A	1
		6-144B	1			8-34	1
		6-144C	1			8-34A	1
		6-144C	1			8A-34	1
		11-62	1			8A-34A	1
		11-62	1			8B-50	1
		11-91	1			8B-50A	1
		11-91	1			9-20	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CD4049UBF		9-20A	1	CD4053BF		26-50A	2
		9A-87	1			27-33	1
		10-23	1			27-33A	1
		10-23A	1			31-263	2
		11-115	1		CD4053BF3A	5-246A	1
		11-115A	1			5-306A	1
		11A-115	1			6-172	1
		11A-115A	1			7-31A	1
		20-92	1			8-64A	1
		20-92A	1			8A-64A	1
		21-29	1			8B-70A	1
		21-29A	1			10-20A	1
		26-56	1			10-45A	1
		26-56A	1			11-10A	1
		27-19	1			11-139A	1
		27-19A	1			11A-10A	1
		31-259	1			11A-139A	1
	CD4049UBF3A	3-47A	1			26-50A	2
		3B-47	1			27-33A	1
		5-302A	1			31-263	2
		6-167A	1		CD4069UBF	15-7	1
		8-34A	1			15-7	1
		8A-34A	1	CD4070BF		6-171	1
		8B-50A	1			7-36	1
		9-20A	1			10-30	1
		9A-87	1			11-66	1
		10-23A	1			11A-66	1
		11-115A	1	CD4071BF		25-32	1
		11A-115A	1			5-292A	1
		20-92A	1			8B-48A	1
		21-29A	1			26-107A	1
		26-56A	1			27-14A	1
	CD4053BF	27-19A	1		CD4071BF3A	5-292A	1
		31-259	1			8B-48A	1
		5-246	1	CD4071BMJ		26-107A	1
		5-246A	1			27-14A	1
		5-306	1			5-292	1
		5-306A	1			5-292A	1
		6-171A	1			8B-48	1
		6-172	1			8B-48A	1
		7-31	1			26-107	1
		7-31A	1			26-107A	1
		8-64	1			27-14	1
		8-64A	1			27-14A	1
		8A-64	1		CD4071BMJ883	5-292A	1
		8A-64A	1			8B-48A	1
		8B-70	1			26-107A	1
		8B-70A	1	CD4077BF		27-14A	1
		10-20	1			6-147	1
		10-20A	1	CD4081BF		6-165	1
		10-45	1			6-165	1
		10-45A	1			8-37	1
		11-10	1			8-37	1
		11-10A	1			8A-37	1
		11-139	1			8A-37	1
		11-139A	1			8B-56	1
		11A-10	1			8B-56	1
		11A-10A	1			10-14	1
		11A-139	1			10-14	1
		11A-139A	1			11-119	1
		26-50	2			11-119	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CD4081BF		11A-119	1	CD4520BF3A		6-154	1
		11A-119	1	CD4520BMJ		6-152	1
		13-28	1			6-154	1
		13-28	1	CD5CC020D0		4-62	1
		25-19	1			19-20	1
		25-19	1	CD5CC030D0		23-19	1
		27-21	1	CD5CC040D0		4-63	1
		27-21	1	CD5CC050D0		21-6A	1
	CD4085BF	3-49	1			21-69A	1
		3-49	1	CD5CC080D0		21-6	1
		3B-49	1	CD5CC100D0		3-223	1
		3B-49	1			3-223A	1
		6-155	1			19-21	1
		6-155	1			20-30	1
		7-30	1			23-20	1
		7-30	1	CD5CC120D0		21-69	1
		10-16	1	CD5CC150D0		21-69	1
		10-16	1	CD5EY270J0		3-53	1
		10-24	1			3-53A	1
		10-24	1			3-53B	1
		12-11	1			3-53D	1
		12-11	1			19-14	1
CD4093BF		3-82	1	CD5EY430J0		19-25	1
		3B-53	1			23-24	1
		20-68	1	CD5EY560J0		4-95	1
		21-27	1			4-112	1
CD4093BMJ		3-82	1			4-128	1
		3B-53	1			4-140	1
		20-68	1			18-17	1
		21-27	1			18-18	1
CD4093BMJ883C		3-82	1			22-8	1
		3B-53	1			22-9	1
		20-68	1	CD5FY101J0		3-113	1
		21-27	1			3-113A	1
CD4094BF		24-17	1			3-113B	1
		24-17A	1			3-113E	1
		24-22	1			3-114	1
		24-22A	1			3-114A	1
		24A-18	1			3-114B	1
		24A-18A	1			3-114E	1
		24A-22	1			18-15	1
		24A-22A	1			18-16	1
		28-8	2	CD5FY121J0		6-5	1
		28-8A	2			6-5A	1
CD4502BF		5-288	1			6-5B	1
		13-26	1			6-5E	1
		26-102	1			6-47	1
		31-269	1			6-47A	1
CD4508BF		5-310	1			6-47B	1
		5-311	1			6-47E	1
		5-312	1			11-41	1
		26-29	3			11-41A	1
		31-255	3			11-51	1
CD4508BF3A		5-310	1			11-51A	1
		5-311	1			11A-41	1
		5-312	1			11A-51	1
		26-29	3	CD5FY181J0		6-20	1
		31-255	3			6-20A	1
CD4520BF		6-152	1			6-20B	1
		6-154	1			6-20E	1
CD4520BF3A		6-152	1			21-64	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CD5FY181J0		21-72	1	CK05BX102K		3-277	1
CD5FY221J0		4-33	1			3-277A	1
		4-69	1			3-287	1
		18-2	1			3-294	1
		22-16	1			3-295	1
CD5FY241J0		3-115	1			3-323	1
		3-115A	1			3-341	1
		3-115B	1			3B-235	3
		3-115D	1			4-71	1
		3-142	1			4-94	1
		3-142A	1			4-111	1
		3-142B	1			4-113	1
		3-142E	1			4-129	1
		3-156	1			4-144	1
		3-156A	1			4B-195	1
		3-156B	1			5-9	1
		3-156E	1			5-108	1
		3-163	1			7-28	1
		3-163A	1			7-34	1
		3-163B	1			7-47	1
		3-163E	1			8-32	1
		3-191	1			8-43	1
		3-191A	1			8A-32	1
		3-191B	1			8A-43	1
		3-191E	1			9-8	1
		3-246	1			9-37	1
		3-246A	1			10-21	1
		3-246B	1			10-59	1
		3-246E	1			11-138	1
		3-276	1			11A-138	1
		3-276A	1			15-8	1
		3-276B	1			15-14	1
		3-276E	1			19-13	1
CD5FY331J0		20-5	1			19-24	1
CD5FY391J0		20-4	1			20-8	1
CD54HC32F		31-267	1			20-12	1
CD74HC00M		34-25	1			20-31	1
CD74HC04M		34-39	2			20-32	1
CD74HC161M		34-33	2			20-35	1
CD74HC191M		34-37	3			20-37	1
CD74HC390M		34-35	1			23-13	1
CD74HC74M		32-221	1			23-23	1
		34-41	2			26-14	1
CFR05ARC103KM		6-16B	1	CK05BX103K		3-208	1
		6-58B	1			3-210	1
		11A-14A	1			3-218	1
		11A-18A	1			3-221	1
		11A-45A	1			3-226	1
CKR05BX680K		19-14E	AR			3-239	1
CK05BX100K		6-26	1			3-240	1
CK05BX101K		5-67	1			3-258	1
		19-14F	AR			3-259	1
		26-146	1			4-76	1
		31-437	1			4-78	1
CK05BX102K		3-108	1			4-80	1
		3-198	1			4-85	1
		3-243	1			4-87	1
		3-249	1			4-106	1
		3-261	1			4-116	1
		3-275A	1			5-19	1
		3-275B	1			5-20	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CK05BX103K		5-21	1	CK05BX104K		5-96B	1
		5-22	1			5-98	1
		5-28A	1			5-99	1
		5-38	1			6-17	1
		5-38A	1			6-21	1
		5-38B	1			6-23	1
		5-85	1			6-25	1
		5-95	1			6-40	1
		5-96A	1			6-41	1
		5-108A	1			6-50	1
		6-30	1			6-53	1
		6-37	1			7-6	1
		6-46	1			7-26	1
		7-27	1			7-29	1
		10-19	1			7-39	1
		10-22	1			7-48	1
		13-3	1			8-7	1
		13-6	1			8-13	1
		13-16	1			8-14	1
		13-19	1			8A-7	1
		13-20	1			8A-13	1
		13-24	1			8A-14	1
		13-25	1			8B-7	1
		13-27	1			8B-13	1
		13-30	1			8B-14	1
		13-37	1			8B-17	1
		13-38	1			9-36	1
		13-40	1			9-41	1
		13-47	1			9-42	1
		16-30	1			9-45	1
		16-33	1			9-46	1
		16-40	1			9-49	1
		16-41	1			10-15	1
		18-6	1			10-18	1
		19-5	1			10-32	1
		21-7	1			10-38	1
		22-5	1			10-54	1
		23-5	1			11-6	1
		26-23	10			11-61	1
CK05BX104K		3-3	1			11-72	1
		3-55	1			11-78	1
		3-69	1			11-89	1
		3-74	1			11-90	1
		3-93	1			11-129	1
		3-134	1			11A-6	1
		3-141	1			11A-61	1
		3-146	1			11A-72	1
		3-153	1			11A-78	1
		3-159	1			11A-89	1
		3-162	1			11A-90	1
		3-168	1			11A-134B	1
		3-171	1			12-15	1
		3-262	1			12-22	1
		4-91	1			12-25	1
		4-110	1			18-14	1
		4-121	1			18-23	1
		4-134	1			20-17	1
		5-75A	1			20-19	1
		5-86	1			20-23	1
		5-89	1			20-25	1
		5-92	1			20-36	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CK05BX104K		20-40A	1	CK05BX471K		8-25	1
		21-45	1			8-26	1
		21-65	1			8-41	1
		22-15	1			8A-25	1
		24-14	1			8A-26	1
		24-21	1			8A-41	1
		24-38	1			8B-35	1
		24-39	1			8B-45	1
		24-50	1			8B-46	1
		24-53	1			8B-51	1
		24A-15	1			27-18	4
		24A-16	1			32-261	1
		24A-23	1		CK05BX472K	3-109	1
		24A-37	1			5-58	1
		24A-40	1	CK05BX680K	19-14E	AR	
		24A-49	1		21-4		
		26-31	6	CK05BX681K	5-23	1	
		27-2	3		5-47	1	
		28-7	6	CK06BX104K	5-70	1	
		16-25A	1		5-71	1	
CK05BX151K		16-26A	1		5-91	1	
		16-55A	1		25-2	1	
		16-57A	1		25-3	1	
		19-14G	AR		25-6	1	
CK05BX152K		3-54	1		25-7	1	
		3-122	1		25-40	1	
CK05BX222K		6-27	1		25-42	1	
		6-29	1		25-48	1	
		6-35	1		25-49	1	
		6-36	1		26-89	5	
CK05BX223K		20-2	1		31-469	2	
		20-20	1	CK06BX105K	34-13	1	
		20-21	1		5-75	1	
		20-22	1	CK06BX223K	5-90	1	
		20-38	1		26-95	2	
		20-41	1	CK06BX273K	21-13	1	
		20-44	1		21-13A	1	
		21-33	1	CK06BX473K	5-85A	1	
		21-37	1		26-157	1	
		21-43	1	CME36	5-341	1	
		21-44	1		5-341A	1	
		21-51	1	CME36B	5-341A	1	
		21-55	1		21-54A	1	
		21-56	1	CPN	32-167	6	
		21-58	1		34-87	2	
		21-61	1	CRCW120610R0FB	32-169	1	
		21-63	1		32-125	10	
		21-67	1	CRCW12061001FB	34-55	2	
		21-68	1		30-9	1	
		16-25	1	CRCW12061002FB	32-119	24	
		16-26	1		34-53	9	
CK05BX330K		16-55	1	CRCW12061003FB	32-123	1	
		16-57	1		32-153	1	
		19-14H	AR	CRCW12061102FB	34-67	1	
		20-15	1		34-79	1	
CK05BX331K		20-18	1	CRCW12061212FB	32-137	1	
		3-247	1		32-155	1	
CK05BX471K		3-271	1	CRCW12061241FB	32-157	3	
		3-285	1		34-69	1	
		3-297	1	CRCW12061242FB	32-159	1	
		3B-225	4		32-181	1	
				CRCW12061302FB			
				CRCW12061471FB			
				CRCW12061472FB			
				CRCW12061472FB			
				CRCW12061960FB			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
CRCW12062002FB		32-121	2	CRC4-250		11A-132	1
CRCW12062101FB		30-13	2	CW5-78		2-129	2
CRCW12062211FB		32-139	1			5-143A	1
CRCW12062212FB		32-161	2			5-147	1
		34-81	2			26-121A	1
CRCW120624R3FB		32-171	2			26-123	1
		32-171	2			31-429	1
CRCW12062430FB		32-127	1			31-431	1
		34-57	1	CY30C105M		5-57	1
CRCW120626R7FB		32-173	1			5-57A	1
		32-173	1			5-59	1
CRCW12062670FB		32-133	1			5-59A	1
CRCW12062870FB		32-183	1			5-74B	1
CRCW12062871FB		32-141	1			5-74C	1
		34-71	1			5-74F	1
CRCW12063320FB		34-61	1			11-129A	1
CRCW12063321FB		32-129	2			11-129B	1
		34-59	1			11A-129	1
CRCW12063322FB		32-163	13			11A-129A	1
CRCW12063921FB		32-143	2			26-166	3
		34-73	1			26-166A	3
CRCW12063922FB		34-83	1			31-433	3
CRCW120647R5FB		32-175	5	CY7C291AL35JI		34-112	1
		32-175	5	C0805C100J5GAC		34-125	1
CRCW12064750FB		34-63	1	C0805C101J5GAC		32-247	8
		35-3	4	C0805C102K5RAC		3-275C	1
		36-7	6			3B-223	1
CRCW12064751FB		32-145	11	C0805C270J5GAC		32-243	2
CRCW12064752FB		34-85	2	C0805C271J5GAC		32-251	1
CRCW12065111FB		34-75	1	C0805C470J5GAC		32-245	2
CRCW12065112FB		32-165	2	C0805C829C1GAC		32-207	1
CRCW12065232FB		30-11	2	C1206C102K5RAC		34-97	11
CRCW120653R6FB		32-177	2	C1206C103K5RAC		32-203	18
CRCW12065491FB		32-147	1			34-99	17
CRCW120656R2FB		32-179	1	C1210C104K5RAC		32-205	16
CRCW12065621FB		32-149	1			34-101	6
		34-77	3	C1808C102J5GAC		32-249	26
CRCW12066810FB		34-65	1			35-13	2
CRCW12067500FB		32-135	1			36-15	2
CRCW12067501FB		32-151	1	C1808C104M5RAC		29-13	2
CRCW12068061FB		32-131	1			30-23	2
CRC1-080		8-43A	1	C1808C122J5GAC		32-253	4
		8-44	1	C1808C331J5GAC		34-127	1
		8A-43A	1	C1808C391J5GAC		34-129	1
		8A-44	1	C1812C334K5RAC		34-103	2
		8B-67	1	C1812C562J5GAC		32-255	1
		8B-69	1	C1825C474K5RAC		34-105	1
		27-31	2	C312C241F1G5CA		3-115C	1
CRC1-200		6-9	1			3-142C	1
CRC1-370		6-16	1			3-156C	1
		6-16A	1			3-163C	1
		6-58	1			3-191C	1
		6-58A	1			3-246C	1
		11-14	1			3-276C	1
		11-18	1			3B-205	7
		11-45	1	C315C101J1G5CA		3-113C	1
		11A-14	1			3-114C	1
		11A-18	1			3B-211	2
		11A-45	1			18-15A	1
CRC4-250		10-37A	1			18-16A	1
		11-132	1	C315C270K1G5CA		3-53C	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
C315C270K1G5CA		3B-203	1	DM401J050WV		11-25A	1
		19-14C	AR			11-59	1
C315C470J1G5CA		19-14D	AR			11-59A	1
C320C102J1G5CA		4B-179	1			11A-25	1
C320C121J1G5CA		6-5C	1			11A-59	1
		6-47C	1	DM5CC030D0		23-19	1
		11A-41A	1	DM5CC100D0		3-223	1
		11A-51A	1			3-223A	1
C320C181J1G5CA		6-20C	1			19-21	1
		21-64A	1			20-30	1
		21-72A	1			23-20	1
C320C221J1G5CA		4-33A	1	DM5CC150D0		21-69	1
		4B-21	2	DM5C020D300WV		4-62	1
		18-2A	1			19-20	1
		22-16A	1	DM5EY270J0		3-53	1
C320C331J1G5CA		20-5A	1			3-53A	1
C320C391K1G5CA		6-14C	1			3-53B	1
		11A-25A	1			3-53D	1
		11A-59A	1			3-53D	1
		20-4A	1			19-14	1
C322C102J1G5CA		26-14A	1	DM5FA101J0		3-113	1
		31-435	1			3-113A	1
C322C152K1G5CA		4B-177	1			3-113B	1
C322C222J1G5CA		6-11A	1			3-113E	1
		6-12A	1			3-113E	1
		11-33A	1			3-114	1
		11-34A	1			3-114A	1
		11A-33A	1			3-114B	1
		11A-34A	1			3-114E	1
C330C105M5U5CA		5-57A	1			3-114E	1
		5-59A	1			18-15	1
		5-74F	1			18-16	1
		11-129B	1	DM5FY121J0		6-5	1
		11A-129A	1			6-5A	1
		26-166A	3			6-5B	1
		31-433	3			6-5E	1
C330C152K1G5CA		4B-177	1			6-5E	1
C330C222J1G5CA		6-11A	1			6-47	1
		6-12A	1			6-47A	1
		11-33A	1			6-47B	1
		11-34A	1			6-47E	1
		11A-33A	1			6-47E	1
		11A-34A	1			11-41	1
C512C225M5R5CA		32-185	4			11-41A	1
DA27395E		10-12	1			11-41A	1
DBU110977-6		16-6	1			11-51	1
		16-6A	1			11-51A	1
DBU110977-6A176		16-6	1			11-51A	1
		16-6A	1			11A-41	1
DM05CC100D		3-223	1			11A-51	1
DM20FD821J0		3-110	1	DM5FY181J0		6-20	1
		3-110A	1			6-20A	1
		3-110B	1			6-20B	1
DM20FD821J04CR		3-110	1			6-20E	1
		3-110A	1			6-20E	1
		3-110B	1			21-64	1
DM401J050WV		6-14	1			21-72	1
		6-14A	1	DM5FY221J0		4-33	1
		6-14B	1			4-33	1
		6-14E	1			4-69	1
		11-25	1			4-69	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
DM5FY221J0		18-2	1	DM5F401J050WV		11-59	1
		18-2	1			11-59A	1
		22-16	1			11A-25	1
		22-16	1			11A-59	1
DM5FY241J0		3-115	1	DM54LS00J883		20-66	1
		3-115A	1			21-28	1
		3-115B	1	DM54LS190J		20-89	1
		3-115D	1			20-89A	1
		3-115D	1			21-53	1
		3-142	1			21-53B	1
		3-142A	1			21-54	1
		3-142B	1			21-54B	1
		3-142E	1	DM54LS190J883		20-89A	1
		3-142E	1			21-53	1
		3-156	1			21-53B	1
		3-156A	1			21-54	1
		3-156B	1			21-54B	1
		3-156E	1	DM54LS190J883C		20-89A	1
		3-156E	1			21-53	1
		3-163	1			21-53B	1
		3-163A	1			21-54	1
		3-163B	1			21-54B	1
		3-163E	1	DM54LS191J		20-64	1
		3-163E	1			20-64A	1
		3-191	1			20-90	1
		3-191A	1			20-90A	1
		3-191B	1			21-34	1
		3-191E	1			21-34A	1
		3-191E	1	DM54LS191J883C		20-64A	1
		3-246	1			20-90A	1
		3-246A	1			21-34A	1
		3-246B	1	DM54LS74J883		20-69	1
		3-246E	1			20-59A	1
		3-246E	1	DM5493AJ		18-11B	1
		3-276	1			16-51	1
		3-276A	1	DPX2-41657-4-02		2-11F	1
		3-276B	1			4-33A	1
		3-276E	1	DP250		4B-21	2
		3-276E	1			18-2A	1
		20-5	1			22-16A	1
DM5FY331J0		20-4	1	DR20CB331J		20-5A	1
DM5FY391J0		6-14	1			3-135A	1
DM5FY401J0		6-14A	1			3B-147	1
		6-14B	1	DV11PS18A		19-18A	1
		6-14E	1			23-17B	1
		6-14E	1	DV11PS35D		3-207A	1
		11-25	1			3-213A	1
		11-25A	1			3-217A	1
		11-25A	1			3B-229	3
		11-59	1			4-70A	1
		11-59A	1			4-81A	1
		11-59A	1			4-92A	1
		11A-25	1			4-96A	1
		11A-59	1			4-105A	1
DM5F391J050WV		20-4	1			4-109A	1
DM5F401J050WV		6-14	1			4-127A	1
		6-14A	1	DV11PS8A		3-253A	1
		6-14B	1			3-256A	1
		6-14E	1			3-266A	1
		11-25	1			3-272A	1
		11-25A	1			3B-227	4

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
D148-0204		32-77	3	HC74A		32-221	1
D306-03		21-20A	1			32-221	1
D306-04		3-357	1			34-41	2
		4B-175	1	HFW1501S09		16-37	1
		10-153	1			16-37A	1
EH510		14-23	1	HF50ACB453215T		32-241	2
		14-23	1	HG5		5-112	1
EH511		14-34	1			5-124	1
		14-34	1			5-133	1
ER499		5-272	1			5-232	1
		5-272	1			26-3	4
		5-273	1			31-3	4
		5-273	1	HG5X000D9R000F		5-112	1
		26-162	2			5-124	1
		26-162	2			5-133	1
		31-139	2			5-232	1
		31-139	2			26-3	4
FFE265U8		3-117B	1			31-3	4
		3-117C	1	HM1-7641-2		13-18	1
		3-119B	1			24-40B	1
		3-119C	1	HP2800		4-32A	1
		3B-59	2			4-35A	1
FHS440-4		5-323	2			4B-23	2
		5-323A	2	HSMP3824		35-7	2
		31-99	2			36-11	3
FH18K102XK		3-289A	17	ILS		7-7	1
		3B-107	17			9-11	1
		4-3A	14			9-28	1
		32-47	17			10-155	1
FMNZ561		3-150	1	ILS5515		7-7	1
		3B-63	1			9-11	1
		4-93	1			9-28	1
		4B-31	1			9A-35	2
F4049BPC		24-31	1			10-39	1
		24-31A	1			10-155	1
		24A-32	1	IMS5-32		4-36	1
		24A-32A	1			4B-25	1
		28-12	1	IN4005		5-69	1
		28-12A	1			5-69A	1
HCT74		34-133	1			7-12	1
HC00		34-25	1			7-12A	1
		34-25	1			7-20	1
HC02		34-27	1			7-20A	1
		34-27	1			10-69	1
HC04		34-39	2			10-69A	1
		34-39	2			10-70	1
HC10		34-29	1			10-70A	1
		34-29	1			26-148	1
		34-29	1			26-148A	1
HC132		32-89	1			31-287	1
		32-89	1	IN5553		5-93	1
		34-31	1			5-93A	1
		34-31	1			5-94	1
HC161		34-33	2			5-94A	1
		34-33	2			26-62	2
HC161A		34-33	2			26-62A	2
HC191		34-37	3			31-285	2
HC390		34-35	1	ISW3800-40BW		5-291	1
HC74		32-221	1	ITS31274		3-117C	1
		34-41	2			3-119C	1
		34-41	2			3B-59	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
JANTXIN4616		5-264	1	LM117HP		31-55	1
		26-125	1	LM117K		2-2	1
		31-291	1			2-2A	1
JANTX1N4616		5-264	1			2-2A	1
		26-125	1			5-253	1
		31-291	1			5-253A	1
JAN1N5614		7-11	1			5-253A	1
		10-72	1			26-79	1
JR100		32-209	3			26-79A	1
		35-5	2	LM117KSTEEL		2-2A	1
		36-9	3			5-253A	1
KD20821J501		3-110A	1	LM117KSTEELA		2-2A	1
KD5100D301		3-223	1			5-253A	1
KD5101J101		3-113E	1	LM117KSTEELB		2-2A	1
		3-114E	1			5-253A	1
KD5121J101		6-5E	1	LM117KSTEELP		2-2A	1
		6-47E	1			5-253A	1
		11-41A	1	LM117KSTL		2-2	1
		11-51A	1			2-2A	1
KD5181J101		6-20E	1			5-253	1
KD5241J101		3-115D	1			5-253A	1
		3-142E	1			26-79	1
		3-156E	1			26-79A	1
		3-163E	1	LM120H8-0		5-261	1
		3-191E	1			5-261A	1
		3-246E	1			26-117	1
		3-276E	1			26-117A	1
KD5270J101		3-53D	1			31-71	1
KD5401J101		6-14E	1	LM120K12		5-266	1
		11-25A	1			26-140	1
		11-59A	1			31-23	1
LA7085		3-252	1	LM120K12A		5-266	1
		3-255A	1			26-140	1
		3-268	1			31-23	1
		3B-109	2	LM120K12B		5-266	1
LA7086		3-255	1			26-140	1
		3-273	1			31-23	1
		3B-111	1	LM120K12P		5-266	1
LA7087		3B-113	1			26-140	1
LM101AH		16-27	1			31-23	1
		16-27	1	LM137H		31-167	1
		16-29	1			31-167	1
		16-29	1	LM137HA		31-167	1
		16-56	1	LM137HB		31-167	1
		16-56	1	LM137HP		31-167	1
		16-58	1	LM139J		6-138	1
		16-58	1			6-138	1
LM117H		5-260	1			6-138A	1
		5-260	1			6-138A	1
		26-201	1			6-145A	1
		26-201	1			6-145A	1
		31-55	1			24-63	1
		31-55	1			24-63	1
LM117HA		5-260	1			24A-63	1
		26-201	1			24A-63	1
		31-55	1			25-26	1
LM117HB		5-260	1			25-26	1
		26-201	1			25-38	1
		31-55	1			25-38	1
LM117HP		5-260	1			28-23	1
		26-201	1			28-23	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
LM139JB		6-138	1	LM148J		10-44	1
		6-138A	1			10-44A	1
		6-145A	1			10-66	1
		24-63	1			10-66A	1
		24A-63	1			11-12	1
		25-26	1			11-12A	1
		25-38	1			11-98	1
		28-23	1			11-98A	1
		3-15	1			11-134	1
		3-15A	1			11-134A	1
LM148J		3-95	1			11A-12	1
		3-95A	1			11A-12A	1
		3-127	1			11A-98A	1
		3-127A	1			11A-134	1
		3B-43	3			11A-134A	1
		4-43	1			26-25	5
		4-43A	1			26-25A	5
		4B-9	1			27-35	1
		5-236	1			27-35A	1
		5-236A	1			31-243	5
		5-240	1	LM2901		32-87	1
		5-240A	1			32-87	1
		5-247A	1			32-87	1
		5-248A	1	LM2901D		32-87	1
		5-251A	1	LM317MDT		34-107	1
		6-139	1	LM3302N		5-265	1
		6-139A	1			5-265	1
		6-141	1			5-265A	1
		6-141A	1			5-265A	1
		7-3	1			5-265A	1
		7-3A	1			6-145	1
		7-8	1			6-145	1
		7-8A	1			7-24	1
		7-49	1			7-24	1
		7-49A	1			7-24A	1
		8-63	1			7-24A	1
		8-63A	1			7-24A	1
		8A-63	1			8B-11	1
		8A-63A	1			8B-11	1
		8B-71	1			8B-11A	1
		8B-71A	1			8B-11A	1
		9-10	1			8B-11A	1
		9-10A	1			9-21	1
		9-16	1			9-21	1
		9-16A	1			9-21A	1
		9-17	1			9-21A	1
		9-17A	1			9-21A	1
		9-25	1			9A-55	3
		9-25A	1			9A-55	3
		9-27	1			9A-55A	3
		9-27A	1			9A-55A	3
		9-30	1			9A-55A	3
		9-30A	1			10-29	1
		9-44	1			10-29	1
		9-44A	1			10-29A	1
		9A-21	6			10-29A	1
		9A-22	1			10-29A	1
		10-35	1			11-55	1
		10-35A	1			11-55	1
		10-40	1			11-55A	1
		10-40A	1			11-55A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
LM3302N		11-55A	1	LP88A1A474J		9-9	1
		11-158	1			9A-11	1
		11-158	1	LP88A1C103K		6-16	1
		11-158A	1			6-58	1
		11-158A	1			11-14	1
		11-158A	1			11-18	1
		11A-55	1			11-45	1
		11A-55	1	LT1006MJ8		7-45	1
		11A-55A	1			10-48	1
		11A-55A	1			11-143	1
		11A-55A	1			11A-143	1
		11A-158	1			20-75A	1
		11A-158	1			21-26C	1
		11A-158A	1			26-91B	2
		11A-158A	1	LT1006S8		34-109	1
		11A-158A	1			26-79B	1
		13-29	1	LT1083MK		31-35	1
		13-29	1			32-213	1
		13-29A	1	MAV11SM		29-11	1
		13-29A	1			30-21	1
		13-29A	1	MA101A821JAA		3-110C	1
		13-29A	1			3B-199	1
		26-168	1	MA181R3C		36-27	1
		26-168	1			35-15	1
		26-168A	1	MA181R5B		36-17	1
		26-168A	1			35-25	2
		26-168A	1	MA182R7B		36-29	3
		27-36	1			35-23	2
		27-36	1	MA18220J		36-23	2
		27-36A	1			36-25	1
		27-36A	1	MA18270J		35-17	2
		27-36A	1			36-31	3
		31-235	1	MA184R7B		35-19	1
		31-235	1			36-19	1
		31-235	1	MA186R8B		35-21	1
		3-73	1			36-21	1
LM565H		5-239A	1	MA187R5B		32-93	1
		26-15	1			8-43A	1
		31-233	1	MB		8-44	1
		5-250	1			8A-43A	1
LM741J		5-252	1	MC12B104K		8A-44	1
		20-75	1			8B-67	1
		20-75B	1			8B-69	1
		21-26	1			27-31	2
		21-26B	1	MC12B105G		10-37A	1
		26-91A	2			11-132	1
		26-91C	2			11A-132	1
		31-241	2	MC12B105J		9-35	1
		10-37A	1			9A-81	1
		10-37A	1			10-37	1
LP88A1A105G		11-132	1			11-43	1
		11-132	1			11-121	1
		11A-132	1			11A-43	1
		11A-132	1			11A-121	1
		9-35	1	MC12B105K		6-9	1
		9A-81	1			7-46	1
LP88A1A105J		10-37	1	MC12B474J		9-9	1
		11-43	1			9A-11	1
		11-121	1	MC12F103K		6-16	1
		11A-43	1			6-58	1
		11A-121	1			11-14	1
		7-46	1				
LP88A1A474J							

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MC12F103K		11-18	1	MC14015BCL		31-257	1
		11-45	1	MC14018BCL		6-169	1
MC12514L		20-88	1			20-58	1
		20-88A	1			20-63	1
		21-62	1	MC14020BCL		5-242A	1
		21-62A	1			7-37A	1
		34-23	1			10-27A	1
MC14001UBAL		6-156	1			11-117A	1
		6-170	1			11A-117A	1
		12-14	1			26-74A	1
MC14001UBCL		6-156	1			31-251	1
		6-170	1	MC14020BCP		24-28A	1
		12-14	1			24A-29A	1
MC14013BAL		3-104	1			28-25A	1
		3B-45	1	MC14021BAL		6-159	1
		6-146	1			6-161	1
		6-151	1			12-7	1
		6-153	1			12-9	1
		6-160	1			13-2	1
		6-163	1			13-4	1
		6-189	1	MC14021BCL		6-159	1
		8-20	1			6-161	1
		8-36	1			12-7	1
		8-52	1			12-9	1
		8A-20	1			13-2	1
		8A-36	1			13-4	1
		8A-52	1	MC14022BAL		6-150A	1
		8B-40	1			8-33A	1
		8B-41	1			8A-33A	1
		8B-47	1	MC14022BCL		6-150A	1
		20-61	1			8-33A	1
		20-65	1			8A-33A	1
		21-31	1	MC14023UBAL		20-91	1
		21-35	1	MC14023UBCL		20-91	1
		21-40	1	MC14024BAL		6-143	1
		27-17	3			6-143A	1
MC14013BCL		3-104	1			6-162	1
		3B-45	1			6-162A	1
		6-146	1			11-88	1
		6-151	1			11-88A	1
		6-153	1			11-114	1
		6-160	1			11-114A	1
		6-163	1			11A-47	1
		6-189	1			11A-88	1
		8-20	1			11A-88A	1
		8-36	1			11A-114	1
		8-52	1			11A-114A	1
		8A-20	1			18-12	1
		8A-36	1			18-12A	1
		8A-52	1	MC14024BCL		6-143A	1
		8B-40	1			6-162A	1
		8B-41	1			11-88A	1
		8B-47	1			11-114A	1
		20-61	1			11A-88A	1
		20-65	1			11A-114A	1
		21-31	1			18-12A	1
		21-35	1	MC14027BAL		6-164	1
		21-40	1			6-164A	1
		27-17	3			6-166	1
MC14015BCL		5-244	1			6-166A	1
		26-40	1			7-42	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MC14027BAL		7-42A	1	MC14046BCL		11-62	1
		10-26	1			11-91	1
		10-26A	1			11A-91	1
		10-159	1			3-47A	1
		12-10	1			3B-47	1
MC14027BCL		12-10A	1	MC14049UBAL		5-302A	1
		6-164A	1			6-167A	1
		6-166A	1			8-34A	1
		7-42A	1			8A-34A	1
		10-159	1			8B-50A	1
MC14028BAL		12-10A	1			9-20A	1
		5-308	1			9A-87	1
		5-308A	1			10-23A	1
		26-63	1			11-115A	1
		26-63A	1			11A-115A	1
MC14028BCL		31-265	1	MC14049UBCL		20-92A	1
		5-308A	1			21-29A	1
		26-63A	1			26-56A	1
		31-265	1			27-19A	1
		6-148	1			31-259	1
MC14029BAL		6-148A	1			3-47A	1
		7-40	1			3B-47	1
		7-40A	1			5-302A	1
		8-51	1			6-167A	1
		8-51A	1			8-34A	1
MC14029BCL		8A-51	1			8A-34A	1
		8A-51A	1			8B-50A	1
		8B-49	1			9-20A	1
		8B-49A	1			9A-87	1
		10-31	1			10-23A	1
MC14040BCL		10-31A	1			11-115A	1
		27-20	1			11A-115A	1
		27-20A	1			20-92A	1
		6-148A	1			21-29A	1
		7-40A	1			26-56A	1
MC14042BCL		8-51A	1			27-19A	1
		8A-51A	1			31-259	1
		8B-49A	1			24-31A	1
		10-31A	1			24A-32A	1
		27-20A	1			28-12A	1
MC14046BCL		5-303	1			5-246	1
		6-149	1			5-246A	1
		6-158	1			5-306	1
		8-12	1			5-306A	1
		8-29	1			6-171A	1
MC14042BCL		8-42	1			6-172	1
		8A-12	1			7-31	1
		8A-29	1			7-31A	1
		8A-42	1			8-64	1
		8B-12	1			8-64A	1
MC14042BCL		8B-38	1			8A-64	1
		13-5	1			8A-64A	1
		26-60	1			8B-70	1
		27-12	2			8B-70A	1
		31-253	1			10-20	1
MC14046BCL		5-293	1			10-20A	1
		13-21	1			10-45	1
		26-104	1			10-45A	1
		31-261	1			11-10	1
		6-142D	1			11-10A	1
		6-144	1			11-139	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ			
MC14053BAL		11-139A	1	MC14081BAL		25-19	1			
		11A-10	1			27-21	1			
		11A-10A	1		MC14081BCL		6-165	1		
		11A-139	1				8-37	1		
		11A-139A	1				8A-37	1		
		26-50	2				8B-56	1		
		26-50A	2				10-14	1		
		27-33	1				11-119	1		
		27-33A	1				11A-119	1		
		31-263	2				13-28	1		
	MC14053BCL		5-246A			1		25-19	1	
			5-306A			1		27-21	1	
			6-172			1	MC14093BAL		3-82	1
			7-31A			1			3B-53	1
			8-64A			1			20-68	1
			8A-64A			1			21-27	1
		8B-70A	1	MC14093BCL				3-82	1	
		10-20A	1					3B-53	1	
		10-45A	1			20-68		1		
		11-10A	1			21-27		1		
		11-139A	1		MC14094BAL			24-17	1	
		11A-10A	1					24-17A	1	
		11A-139A	1					24-22	1	
		26-50A	2					24-22A	1	
		27-33A	1					24A-18	1	
		31-263	2					24A-18A	1	
MC14069UBCL		15-7	1					24A-22	1	
	MC14070BAL		6-171			1			24A-22A	1
		7-36	1				28-8	2		
		10-30	1				28-8A	2		
		11-66	1			MC14094BCL		24-17A	1	
		11A-66	1					24-22A	1	
		25-32	1				24A-18A	1		
MC14070BCL			6-171	1				24A-22A	1	
			7-36	1				28-8A	2	
		10-30	1	MC14502BAL				5-288	1	
		11-66	1				13-26	1		
		11A-66	1				26-102	1		
		25-32	1				31-269	1		
MC14071BAL			5-292		1		MC14502BCL		5-288	1
			5-292A		1				13-26	1
		8B-48	1				26-102	1		
		8B-48A	1				31-269	1		
	26-107	1	MC14508BAL				5-310	1		
	26-107A	1					5-311	1		
	27-14	1					5-312	1		
	27-14A	1				26-29	3			
MC14071BCL		5-292A			1		31-255	3		
		8B-48A			1	MC14508BCL		5-310	1	
	26-107A	1					5-311	1		
	27-14A	1				5-312	1			
MC14077BAL		6-147		1		26-29	3			
	MC14077BCL			6-147	1		31-255	3		
MC14081BAL				6-165	1	MC14572UBAL		3-103	1	
		8-37		1			3B-51	1		
		8A-37		1	MC14572UBCL		3-103	1		
		8B-56		1			3B-51	1		
		10-14		1	MC14572UBCP		6-168	1		
		11-119		1			7-21	1		
		11A-119	1			7-32	1			
		13-28	1			8-35	1			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MC14572UBCP		8A-35	1	MC3302N		13-29A	1
		10-25	1			26-168A	1
		20-67	1			27-36A	1
MC1536G		5-241	1	MC3302P		31-235	1
		5-243	1			5-265A	1
		26-66	2			7-24A	1
MC1536U		31-231	2			8B-11A	1
MC1558U		5-238	1			9-21A	1
		5-238A	1			9A-55A	3
		5-285	1			10-29A	1
		5-285A	1			11-55A	1
		5-287A	1			11-158A	1
		5-287B	1			11A-55A	1
		6-137	1			11A-158A	1
		6-137A	1			13-29A	1
		6-137B	1			26-168A	1
		6-137C	1			27-36A	1
		9A-85	1			31-235	1
		9A-85A	1	MC33078D		32-215	4
		11-24	1	MC54HC32AJ		31-267	1
		11-24A	1	MC74HC02D		34-27	1
		11-47	1	MC74HC10D		34-29	1
		11-47A	1	MC74HC132D		32-89	1
		11-131	1			34-31	1
		11-131A	1	MC74HC161AD		34-33	2
		11A-24	1	MC74HC74AD		32-221	1
		11A-24A	1			34-41	2
		11A-47A	1	MC78L05ACD		34-19	1
		11A-131	1	MC79M05BDT		32-211	1
		11A-131A	1	MDP1401103G		5-307	1
		12-20	1			26-65	1
		12-20A	1			31-223	1
		26-67	1	MDP1401563G		5-287	1
		26-67A	1	MDP1403103G		25-27	1
		26-192	2	MDP1403104G		10-17	1
		26-192A	2			25-25	1
		31-245	1			25-37	1
		31-247	2	MDP1403473G		13-23	1
MC1596F		3-59	1	MDP16-00S189		16-3A	1
		3B-39	1			16-18A	1
MC1596L		3-59	1	MDP1601-273J		16-5	1
		3B-39	1	MDP1603-221J		5-249	1
MC1741U		5-250	1			26-112	1
		5-252	1	31-225		1	
		20-75	1	3B-213		8	
		20-75B	1	MD011C102KAA		3B-215	2
		21-26	1	MD011C152KAA		31-443	2
		21-26B	1	MD011C223KAA		31-443	2
		26-91A	2	MD011C472KAA		3B-217	1
		26-91C	2	MD011C473KAA		31-445	1
		31-241	2	MD011C473KAB		31-445	1
MC3302N		5-265A	1	MD015C104KAA		3B-221	14
		7-24A	1			31-441	6
		8B-11A	1	MD021C104KAA		31-447	5
		9-21A	1	MD021C473KAA		31-445	1
		9A-55A	3	MJE700		5-31	1
		10-29A	1			26-126	1
		11-55A	1			31-79	1
		11-158A	1	MJE800		5-41	1
		11A-55A	1			26-127	1
		11A-158A	1			31-81	1
				MMBD6050		32-101	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MMBD914		32-103	2	MS20470AD2-2		4-57	4
MMBD914L		32-103	2			4-146	4
MMBT2222A		32-97	2			4A-31	4
		34-45	2	MS20470AD4-7		2-96	4
MMBT2222AL		32-97	2	MS21042-06		2-91	2
		34-45	2			2-103	2
MMBT2222ALT1		32-97	2	MS35338-134		2-112	4
		34-45	2			3-302	3
MMBT2369		34-113	1			4-51	3
MMBT2369L		34-113	1			4-68	1
MMBT2907AL		32-99	4			4A-25	3
MMBT918		34-43	1			4B-81	1
MMBZ5231B		29-5	2			4B-105	1
		30-5	2			16-46	8
		34-47	1			31-163	3
MMBZ5231BL		29-5	2			33-7	3
		30-5	2	MS35338-135		2-10	4
		34-47	1			2-55	1
MMCDF42-0005		3-289A	17			3-38	8
		3B-107	17			3-305	4
		4-3A	14			3B-7	8
		32-47	17			4-14	2
MM74HC74AM		32-221	1			4-54	4
MPQ6001		5-259	1			4-151	5
		7-22	1			4A-19	4
		10-62	1			4B-75	2
		26-96	1			4B-137	5
		31-227	1			8-4	4
MP7533AD		5-313	1			8A-4	4
		5-314	1			8B-4	4
		5-315	1			12-4	3
		5-316	1			14-17	1
		26-28	4			15-4	4
		31-237	4			16-9	2
MP7533BD		5-237	1			16-12	2
		5-237A	1			24-70	3
		5-317	1			24-74	1
		5-317A	1			24A-70	3
		26-27	2			24A-74	1
		26-27A	2			27-41	4
		31-239	2			28-29	4
MS14046-5		20-34	1			31-173	2
		21-70	1			32-41	7
MS15795-803		26-205	1			32-61	1
		31-63	1			34-9	4
MS16535-52		3-126	13	MS35649-224		2-111	4
MS16535-76		5-275	2	MS51957-10		16-43	2
		14-25	1	MS51957-12		31-171	2
		14-36	1	MS51957-13		2-14	1
		26-164	2			2-27	5
		31-143	2			2-38	1
MS16624-5039		3-39	8			2-58	4
		3-39A	8			5-17C	2
MS20426AD3-4		2-120	2			5-321	5
MS20426AD3-5		2-88	16			26-183	5
		2-124	12			31-95	5
MS20426AD5-8		2-84	2	MS51957-14		2-37	2
MS20470AD2-2		3-132	2			2-56	2
		3-148	4			2-69	4
		3-229	1			4-13	2
		3-311	4			4B-73	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MS51957-14		5-17B	2	MS51957-9		31-57	1
		5-52	1			31-73	1
		5-54	3			32-5	2
		5-296	3			2-15	1
		26-74D	4			2-20	1
		26-137	4	MS51959-13		2-57	13
		26-177	4			2-71	5
		31-111	2			2-75	5
		31-121	2			2-68	4
		31-147	4			2-79	2
		31-157	1	MS51959-14		2-117A	2
		31-179	5			5-319	4
		5-278	3			26-174	4
		7-18	2			31-107	4
		10-7	2			2-116	2
MS51957-15		26-178	3	MS51959-14B		2-117	2
		31-181	2	MS51959-15		2-11	4
		5-8	2	MS51959-19B		5-114	2
		5-17	6	MS51959-3		5-126	2
		5-258	2			5-135	2
MS51957-16		5-271	2			5-234	2
		16-8	2			26-5	8
		16-11	2	MS51959-4		31-7	8
		26-12	8			2-113	4
		26-84	2			3-224	1
		26-140G	2			3-335	1
		31-21	8			3B-31	1
		31-33	2	MS75083-03		21-74	1
		26-84A	2			19-27	1
		31-51	1			20-33	1
		4-66	1			23-21	1
		4B-79	1			19-22	1
		4B-101	1	MS75083-10		32-79	1
		31-161	3			3-219	1
		3-298A	2			3-237	1
		3A-7	2			3-241	1
		4-45	2			3-292	1
		4A-5	2	MS75083-05		3B-33	4
		5-263	2			4-73	1
		26-118	2			4-88	1
MS51957-17		31-57	1			4-115	1
		31-73	1			4B-65	3
		32-5	2			19-3	1
		2-30	2			23-3	1
		2-42	1	MS75084-05		32-81	1
MS51957-2		2-48	1			18-20	1
		2-100	4			22-10	1
		3-301	3			18-21	1
		4-17	1			22-13	1
		4-49	3			35-9	4
MS51957-3		4A-23	3	MS75084-08		36-3	6
		4B-143	1			20-16	1
		33-5	3			20-16A	1
		16-45	4			20-28	1
		16-44	2			21-8	1
MS51957-4		3-298A	2	MS75084-10		4-36	1
		3A-7	2			4B-25	1
		4-45	2			20-3	1
		4A-5	2			21-46	1
		5-263	2			4-119	1
MS51957-7		26-118	2	MS75084-12		4-124	1
MS51957-8				MS75085-07			
MS51957-9				MS75085-07			
				MS75089-13			
				MS75101-1			
				MS90538-16			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
MS90538-16		4-136	1	M39003-01-2257		6-39	1
		4B-43	3			6-51	1
MS90540-13		3-144	1			6-179	1
		3-157	1			8-11	1
		3-167	1			8A-11	1
		3-201	1			8B-10	1
		3B-35	4			10-61	1
MW425-120		26-209	1			11-48	1
		31-67	1			11-83	1
MZ4624		3-21	1			11-84	1
		3B-66	1			11-85	1
MZ4625		20-77	1			11-86	1
		21-21	1			11-87	1
		24-35	1			11-93	1
M1J		34-113	1			11A-48	1
M1055		3-359	5			11A-83	1
M17-093RG178		3-233	AR			11A-87	1
M2B		32-99	4			11A-93	1
M2DM5FY101J0		3-113E	1			12-8	1
		3-114E	1			27-37	1
M3B		34-43	1	M39003-01-2265		5-103	1
M39003-01-2242		6-4	1			5-106	1
		6-18	1			26-32	2
		6-19	1			31-201	2
		11-13	1	M39003-01-2268		3-8	1
		11-67	1			3-19	1
		11-69	1			3-63	1
		11A-13	1			3-67	1
		11A-67	1			3-79	1
		11A-69	1			3-136	1
M39003-01-2244		3-28	1			3-140	1
		3-181	1			3-145	1
		3B-17	2			3-154	1
		4-21	1			3-155	1
		4B-109	1			3-161	1
		7-9	1			3-164	1
		10-43	1			3-178	1
M39003-01-2246		7-25	1			3-179	1
		10-36	1			3-182	1
		10-62A	1			3-186	1
		19-12	1			3-187	1
		23-12	1			3-188	1
M39003-01-2254		5-18	1			3-202	1
		6-3	1			3-204	1
		11-4	1			3-205	1
		11-9	1			3B-21	21
		11A-4	1			4-25	1
		11A-9	1			4-29	1
		13-33	1			4-30	1
		20-39	1			4-37	1
		21-49	1			4-97	1
		26-110	1			4-99	1
		31-199	1			4-100	1
M39003-01-2257		3-33	1			4-101	1
		3-33A	1			4-102	1
		3-35	1			4-120	1
		3-36B	1			4-125	1
		3B-19	2			4-137	1
		4-6	1			4-138	1
		4B-85	1			4B-7	13
		6-22	1			11-150	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
M39003-01-2268		11A-150	1	M39003-01-2280		5-27	1
M39003-01-2269		5-64	1			5-29	1
		5-65	1			26-85	3
		5-68	1			26-197	2
		5-72	1			31-205	3
		5-77	1	M39003-01-2283		3-97	1
		26-94	4			3B-25	1
		31-203	4			20-27A	1
M39003-01-2271		3-31	1			21-22A	1
		3-36	1	M39003-01-2286		20-29	1
		3-36A	1	M39003-01-2289		3-32	1
		3-128	1			5-77A	1
		3B-23	1			5-96	1
		4-5	1			11-84A	1
		4-7	1			11-85A	1
		4-20	1			11-86A	1
		4B-3	1			11A-84	1
		6-7	1			11A-85	1
		6-15	1			11A-86	1
		6-42	1			26-58	2
		6-45	1			26-197A	2
		6-52	1			31-207	4
		7-33	1	M39003-01-2291		4B-107	2
		7-35	1	M39003-01-2292		3-31A	1
		7-38	1			3-33B	1
		7-41	1			3B-27	2
		8-2	1	M39003-01-2295		31-471	1
		8-17	1	M39003-01-2299		5-73	1
		8A-2	1			26-160	1
		8A-17	1			31-209	1
		8B-2	1	M39003-01-2304		16-14B	1
		8B-18	1			21-9	1
		9-2	1	M39003-01-2305		11-163	1
		9-18	1			11A-163	1
		9-22	1	M39003-01-2306		3-32A	1
		9-39	1			3B-29	1
		9-40	1			5-40	1
		9-47	1			26-172	1
		9A-39	10			31-211	1
		10-13	1	M39003-01-2307		20-26	1
		10-55	1			20-43	1
		10-56	1			21-10	1
		10-57	1			21-36	1
		10-58	1	M39003-01-2312		5-39	1
		10-63	1			26-170	1
		15-12	1			31-213	1
		19-12A	1	M39003-01-2320		25-34	1
		21-22	1			25-35	1
		23-12A	1	M39003-01-2356		5-50A	1
		24-16	1			5-104	1
		24-19	1			5-105	1
		24A-17	1			25-16	1
		24A-21	1			25-21	1
		27-4	2			25-24	1
		28-9	2			25-41	1
M39003-01-2272		20-27	1			25-43	1
		20-42	1			26-26	3
M39003-01-2275		21-47	1			31-215	3
M39003-01-2280		5-24	1	M39003-03-0116		7-23	1
		5-25	1			10-60	1
		5-26	1	M39003-03-0133		5-2	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
M39003-03-0133		5-50	1	NAS620C4L		5-322	5
		26-2	1			26-10	4
		31-197	1			26-74E	4
M39012-71-0001		3-279	1			26-82	2
		3B-69	1			26-130	3
M39012-71-0003		3-279	1			26-138	3
		3B-69	1			26-140D	1
M39012-96-0001		32-107	1			26-154	1
M39014-22-0158		9A-15	2			26-179	7
M39014-22-0176		4B-61	7			26-184	5
M39014-22-0194		4B-33	4			31-17	4
M39014-22-0195		9A-69	6			31-29	1
M39014-22-0196		4B-39	6			31-49	1
M39018-03-0756		5-63	1			31-89	3
		26-142	1			31-97	5
		31-195	1			31-113	2
M45938-5-1		3-312	2			31-123	2
		3-312A	2			31-135	1
		4-58	2			31-149	1
		4-58A	2			31-183	7
		4A-33	2	NAS620C5		26-138A	3
		33-17	2			31-151	3
M45938-5-3		2-39A	1	NAS620C6L		2-13A	1
		2-45A	4			2-19A	1
		2-51A	3	NAS671C4		2-5A	4
		2-60A	2			5-4A	2
		2-63A	2			5-13A	6
		2-72	5			5-32A	1
		2-72A	5			5-42A	1
		2-76	5			5-80A	2
		2-76A	5			5-254A	2
		2-80A	2			5-267A	2
		5-282	4			7-15A	2
		5-282A	4			10-4A	2
		5-299	5			26-8A	8
		5-299A	5			26-80A	2
		5-324	18			26-129A	3
		5-324A	18			26-140B	2
		31-101	20			26-152A	1
		31-115	2			31-13	8
		31-125	5			31-25	2
M45938-5-5		2-85	4			31-37	2
		2-121	8			31-83	3
M63540-1-6C		5-323A	2			31-131	1
		31-99	2	NA1103-161		18-13	7
M83446-10-94F		34-115	1			22-11	3
M881F		3-361	6	NA1104-010		3-365	1
		4B-163	2			3B-237	1
NAS1723-4-3T		3-215	1	NA1104-012		16-67	3
NAS620C4L		2-9	4	NA1104-026		35-33	8
		5-6	1			36-5	8
		5-15	3	NA1104-027		26-196	2
		5-17D	8	NA1104-033		24-79	14
		5-34	1			31-457	21
		5-44	1	NA1104-037		3-315	1
		5-55	1			4-156	2
		5-83	2			4B-153	2
		5-256	1			5-339	2
		5-269	1			7-113	1
		5-280	3			10-149	1
		5-297	3			26-195	6

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
NA1104-037		29-7	10	PBF5542		5-76	1
		30-7	26			26-159	1
NA1104-039		7-114	1			31-249	1
NA1104-043		4B-145	6	PCA325		7-7D	1
NA1104-045		3-169	11	PE1S022-80-10		14-38	1
		3-169A	19			14-38A	1
		3B-73	17	PE1X022-80-10		14-38A	1
		4-154	6	PMBT2222A		32-97	2
		4B-145A	6			34-45	2
		5-336	17	PM148Y		3-15A	1
		6-177	2			3-95A	1
		8B-78	3			3-127A	1
		9A-113	4			3B-43	3
		10-150	2			4-43A	1
		11A-178	4			4B-9	1
		16-70	5			5-236A	1
		20-97	2			5-240A	1
		21-78	2			5-247A	1
		32-259	5			5-248A	1
NA1104-046		3-314	6			5-251A	1
NA1104-047		3-373	7			7-3A	1
		4B-169	2			7-8A	1
NA1104-071		5-340	2			7-49A	1
NA1104-077		17-4	270			8-63A	1
NA1104-087		1-6A	1			8A-63A	1
		1-6C	1			8B-71A	1
		1-6E	1			9-10A	1
		3-30	18			9-16A	1
		3-318	18			9-17A	1
		4-8	15			9-25A	1
NA1104-089		3B-11	18			9-27A	1
		4B-113	15			9-30A	1
		5-342	16			9-44A	1
		26-187	16			9A-21	6
		31-297	16			10-35A	1
		32-51	17			10-40A	1
NA1104-137		19-11	7			10-44A	1
		23-11	7			10-66A	1
NA1113-010		14-12	5			11-12A	1
		25-45	16			11-98A	1
NA1113-020		6-44	40			11-134A	1
		7-83	26			11A-12A	1
		8-9	24			11A-98A	1
		8A-9	24			11A-134A	1
		8B-9	24			26-25A	5
		9-97	26			27-35A	1
		10-53	20			31-243	5
		10-65	26	P347-1268-000		1-3F	2
		11-82	36	QC0-82UUF5PCT		3-25A	1
		12-27	18			3-254A	1
		13-45	20			3B-207	1
		15-10	36	QC2-0pf		19-16A	1
		20-46	22			23-15A	1
		21-42	20	QC2-0PF5PCT		19-16A	1
		24-77	36			23-15A	1
		24A-77	36	QC2-0UUF5PCT		19-16	1
		28-34	36			19-16A	1
NE85634		32-91	1			23-15	1
PBF		5-76	1			23-15A	1
		26-159	1	QC2-4pF		3-270A	1
		31-249	1			3B-209	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
QC2-4PF5PCT		3-270A	1	RCR05G270KS		31-419	4
		3B-209	1	RCR05G273KS		6-136A	1
QC2-4UUF5PCT		3-270	1			6-172A	1
		3-270A	1			6-172B	1
		3B-209	1			6-172C	1
QC82pf		3-254A	1			6-172D	1
		3B-207	1	RCR05G301JS		29-15	2
QC82PF5PCT		3-254A	1			30-25	2
		3B-207	1	RCR05G470JS		3-349	1
QQB575R36T062		2-17	AR	RCR05G563KS		26-59	7
		2-17	AR			26-190	2
		2-22	AR			26-191	1
		2-22	AR			31-421	8
QTM12-471J		3-135A	1	RCR05G823JS		24A-41	1
		3B-147	1			24A-55	1
RCR05G100JS		3-347	1			28-16	2
RCR05G100KS		3-347	1	RCR05G823KS		24A-41	1
RCR05G101KS		24A-48	1			24A-55	1
		28-18	1			28-16	2
RCR05G103JS		24A-53	1	RCR07G100KR		6-125	1
		24A-65	1			14-3	1
		25-47	2			14-4	1
		25-54	2			21-76B	AR
		28-21	2	RCR07G100KS		6-125	1
RCR05G103KS		24A-53	1			10-78	1
		24A-65	1			14-3	1
		28-21	2			14-4	1
RCR05G104JS		24A-8	1			21-76B	AR
		24A-9	1	RCR07G101JR		7-108	1
		24A-56	1			9-54	1
		24A-61	1			9-89	1
		24A-62	1			9A-7	2
		28-3	6	RCR07G101JS		7-108	1
RCR05G104KS		24A-8	1			9-54	1
		24A-9	1			9-89	1
		24A-56	1			9A-7	2
		24A-61	1	RCR07G101KR		5-189A	1
		24A-62	1			7-67B	1
		28-3	6			7-67C	1
RCR05G105JS		24A-52	1			10-88A	1
		24A-64	1			10-103	1
		28-20	1			10-105	1
RCR05G105KS		24A-52	1			10-136	1
		24A-64	1			13-35	1
		28-20	1			24-49	1
RCR05G122KS		8B-72	1			26-55	1
		27-13	1			31-397	1
RCR05G123KS		8B-73	1	RCR07G101KS		5-189A	1
		10-26F	1			7-67B	1
		10-26L	1			7-67C	1
		27-34	1			10-79	1
RCR05G222JS		3-345	1			10-88A	1
RCR05G223KS		10-91	1			10-103	1
		10-91A	1			10-105	1
		10-92	1			10-136	1
		10-92A	1			13-35	1
RCR05G270KS		5-129	1			24-49	1
		5-130	1			26-55	1
		5-131	1			31-397	1
		5-132	1	RCR07G102JR		3-351	1
		26-77	4	RCR07G102JS		3-351	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G102KR		3-9	1	RCR07G103KR		4-108	1
		3-56	1			4-122	1
		3-80E	AR			4-132	1
		3-96	1			4B-5	5
		3-193	1			5-149	1
		3-220A	1			5-156	1
		4-26	1			5-158	1
		4B-57	1			6-72	1
		7-63	1			6-97	1
		7-107	1			6-107	1
		10-88	1			7-57A	1
		10-103A	1			7-59	1
		10-127	1			7-66	1
		10-128	1			7-67A	1
		10-141	1			7-80	1
		11-54	1			8-10	1
		11A-54	1			8-15	1
		13-42	1			8-24	1
		16-31A	1			8-28	1
		20-50A	1			8-38	1
RCR07G102KS		3-9	1			8-40	1
		3-56	1			8-55	1
		3-80E	AR			8A-10	1
		3-96	1			8A-15	1
		3-193	1			8A-24	1
		3-220A	1			8A-28	1
		4-26	1			8A-38	1
		4B-57	1			8A-40	1
		7-63	1			8A-55	1
		7-107	1			8B-21	1
		10-88	1			8B-30	1
		10-103A	1			8B-36	1
		10-127	1			8B-37	1
		10-128	1			8B-42	1
		10-141	1			8B-43	1
		11-54	1			8B-44	1
		11A-54	1			8B-53	1
		13-42	1			8B-54	1
		16-31A	1			8B-59	1
		18-10	1			8B-60	1
		20-50A	1			8B-61	1
		20-50B	1			8B-68	1
RCR07G103KR		3-4	1			8B-76	1
		3-7	1			9-65	1
		3-17	1			9-66	1
		3-22	1			9-68	1
		3-29	1			9A-47	3
		3-51	1			10-75A	1
		3-57	1			10-80	1
		3-65	1			10-90	1
		3-75	1			10-137	1
		3-76	1			10-140A	1
		3-77	1			10-142	1
		3-78	1			10-147	1
		3-172	1			11-27	1
		3-174	1			11-96	1
		3-177	1			11-164	1
		3-197	1			11-166	1
		3-242	1			11A-27	1
		4-19	1			11A-96	1
		4-24	1			11A-164	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G103KR		11A-166	1	RCR07G103KS		7-66	1
		16-31	1			7-67A	1
		20-55	1			7-80	1
		20-56	1			8-10	1
		24-8	1			8-15	1
		24-12	1			8-24	1
		24-24	1			8-28	1
		24-25	1			8-38	1
		24-27	1			8-40	1
		24-30	1			8-55	1
		24-32	1			8A-10	1
		24-36	1			8A-15	1
		24-52	1			8A-24	1
		24-55	1			8A-28	1
		24-65	1			8A-38	1
		24A-6	1			8A-40	1
		24A-12	1			8A-55	1
		24A-25	1			8B-21	1
		24A-26	1			8B-30	1
		24A-28	1			8B-36	1
		24A-31	1			8B-37	1
		24A-33	1			8B-42	1
		24A-36	1			8B-43	1
		24A-51	1			8B-44	1
		26-93	3			8B-53	1
		27-6	14			8B-54	1
		28-2	9			8B-59	1
		31-405	3			8B-60	1
RCR07G103KS		3-4	1			8B-61	1
		3-7	1			8B-68	1
		3-17	1			8B-76	1
		3-22	1			9-65	1
		3-29	1			9-66	1
		3-51	1			9-68	1
		3-57	1			9A-47	3
		3-65	1			10-75A	1
		3-75	1			10-80	1
		3-76	1			10-90	1
		3-77	1			10-137	1
		3-78	1			10-140A	1
		3-172	1			10-142	1
		3-174	1			10-147	1
		3-177	1			11-27	1
		3-197	1			11-96	1
		3-242	1			11-164	1
		4-19	1			11-166	1
		4-24	1			11A-27	1
		4-108	1			11A-96	1
		4-122	1			11A-164	1
		4-132	1			11A-166	1
		4B-5	5			16-31	1
		5-149	1			18-3	1
		5-156	1			18-24	1
		5-158	1			20-55	1
		6-72	1			20-55A	1
		6-76	1			20-56	1
		6-77	1			20-56A	1
		6-97	1			22-2	1
		6-107	1			22-4	1
		7-57A	1			24-8	1
		7-59	1			24-12	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G103KS		24-24	1	RCR07G104KR		8A-62	1
		24-25	1			8B-15	1
		24-27	1			8B-74	1
		24-30	1			9-72	1
		24-32	1			9-90	1
		24-36	1			9-95	1
		24-52	1			9A-61	3
		24-55	1			10-82	1
		24-65	1			10-84	1
		24A-6	1			10-93	1
		24A-12	1			10-101	1
		24A-25	1			10-131	1
		24A-26	1			10-139	1
		24A-28	1			10-143	1
		24A-31	1			10-148	1
		24A-33	1			11-73	1
		24A-36	1			11A-73	1
		24A-51	1			13-32	1
		26-93	3			24-5	1
		27-6	14			24-9	1
		28-2	9			24-13	1
		31-405	3			24-23	1
RCR07G104KR		3-5	1			24-46	1
		3-11	1			24-47	1
		3-43	1			24-59	1
		3-48	1			24-60	1
		3-70	1			24A-7	1
		3-81	1			24A-13	1
		3-84	1			24A-46	1
		3-98	1			26-24	3
		3-151	1			27-3	2
		3-238	1			28-4	2
		3-248	1			31-413	3
		3-265	1	RCR07G104KS		3-5	1
		3-278	1			3-11	1
		3-286	1			3-43	1
		3-296	1			3-48	1
		3-337	1			3-70	1
		4-75	1			3-81	1
		4-142	1			3-84	1
		4B-35	2			3-98	1
		5-176	1			3-151	1
		5-200	1			3-238	1
		5-208	1			3-248	1
		6-111	1			3-265	1
		7-64	1			3-278	1
		7-65	1			3-286	1
		7-70	1			3-296	1
		7-75	1			3-337	1
		7-90	1			4-75	1
		7-93	1			4-142	1
		7-96	1			4B-35	2
		7-97	1			5-176	1
		7-99	1			5-200	1
		7-100	1			5-208	1
		7-101	1			6-111	1
		8-19	1			7-64	1
		8-39	1			7-65	1
		8-62	1			7-70	1
		8A-19	1			7-75	1
		8A-39	1			7-90	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G104KS		7-93	1	RCR07G106KR		24A-50	1
		7-96	1			26-106	1
		7-97	1			28-19	1
		7-99	1			31-417	1
		7-100	1			5-181	1
		7-101	1	RCR07G106KS		13-10	1
		8-19	1			24-51	1
		8-39	1			24A-50	1
		8-62	1			26-106	1
		8A-19	1			28-19	1
		8A-39	1			31-417	1
		8A-62	1	RCR07G120KS		21-76C	AR
		8B-15	1			3-80F	AR
		8B-74	1			5-137	1
		9-72	1			5-172	1
		9-90	1			5-173	1
		9-95	1			5-173B	1
		9A-61	3			26-113	4
		10-82	1			31-401	4
		10-84	1	RCR07G122KS		3-80F	AR
		10-93	1			5-137	1
		10-101	1			5-172	1
		10-131	1			5-173	1
		10-139	1			5-173B	1
		10-143	1			26-113	4
		10-148	1			31-401	4
		11-73	1	RCR07G123KR		3-50	1
		11A-73	1			3-50	1
		13-32	1			14-37	1
		24-5	1			14-39	1
		24-9	1			21-76C	AR
		24-13	1	RCR07G150KS		21-76D	AR
		24-23	1			21-75	1
		24-46	1			21-77	1
		24-47	1			21-75	1
		24-59	1			21-75A	1
		24-60	1	RCR07G151KR		21-77	1
		24A-7	1			21-77A	1
		24A-13	1			3-80G	AR
		24A-46	1			3-80G	AR
		26-24	3			10-89	1
		27-3	2	RCR07G151KS		3-6	1
		28-4	2			3-83B	1
		31-413	3			16-35	1
RCR07G105KR		24-6	1			3-6	1
		24-11	1			3-83B	1
		24-54	1			16-35	1
		24-64	1			21-76E	AR
		24A-5	1	RCR07G180KR		21-76E	AR
RCR07G105KS		24A-11	1			3-79B	1
		28-6	2			3-80H	AR
		24-6	1			14-10	1
		24-11	1			3-79B	1
		24-54	1	RCR07G182KS		3-80H	AR
RCR07G106KR		24-64	1			14-10	1
		24A-5	1			3-24	1
		24A-11	1			3-24	1
		28-6	2			21-76F	AR
		5-181	1			21-76F	AR
		13-10	1	RCR07G220KS		21-59	1
		24-51	1			21-60	1
				RCR07G221KR			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G221KS		21-59	1	RCR07G224KR		27-24A	1
		21-59A	1	RCR07G224KS		3-118	1
		21-60	1			7-76	1
		21-60A	1			8B-75	1
RCR07G222KR		3-80J	AR			27-24A	1
		21-2	1	RCR07G243JR		7-55	1
		21-71	1	RCR07G243JS		7-55	1
		3-80J	AR	RCR07G270JR		12-12	1
RCR07G222KS		21-2	1			12-13	1
		21-2A	1	RCR07G270JS		12-12	1
		21-71	1			12-13	1
		21-71A	1	RCR07G270KR		21-76G	AR
RCR07G223KR		3-44	1	RCR07G270KS		21-76G	AR
		3-64	1	RCR07G271KR		3-194	1
		6-70	1			14-6	1
		6-108	1	RCR07G271KS		3-194	1
		6-110	1			4-27	1
		7-71	1			14-6	1
		7-81	1			18-8A	1
		7-88	1	RCR07G272KR		3-80K	AR
		7-94	1			3-220	1
		7-98	1			4-34	1
		8-47	1			4B-27	1
		8A-47	1	RCR07G272KS		3-80K	AR
		10-77	1			3-220	1
		10-81	1			4-34	1
		10-96	1	RCR07G273KR		4B-27	1
		10-96B	1			3-14	1
		10-97	1			3-185	1
		10-97B	1			5-175	1
		10-130	1			13-11	1
		16-34	1			13-34	1
		20-53	1			26-109	1
		20-54	1			31-407	1
		3-44	1	RCR07G273KS		3-14	1
		3-64	1			3-185	1
		6-70	1			5-175	1
		6-108	1			13-11	1
		6-110	1			13-34	1
		7-71	1			26-109	1
		7-81	1			31-407	1
		7-88	1	RCR07G330KR		21-76H	AR
		7-94	1	RCR07G330KS		21-76H	AR
		7-98	1	RCR07G332KR		3-79A	1
		8-47	1			3-199	1
		8A-47	1			3-280	1
		10-77	1			3-280A	1
		10-81	1			4-23	1
		10-96	1			4B-59	1
		10-96B	1			14-9	1
		10-97	1			14-22	1
		10-97B	1			21-18	1
		10-130	1			21-30	1
		16-34	1			24-2	1
		20-53	1			24-4	1
		20-53A	1	RCR07G332KS		3-79A	1
		20-54	1			3-199	1
		20-54A	1			3-280	1
		3-118	1			3-280A	1
		7-76	1			4-23	1
RCR07G224KR		8B-75	1			4B-59	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G332KS		14-9	1	RCR07G470KR		3-175	1
		14-22	1			3-183	1
		18-4	1			3-227	1
		18-9	1			3-244	1
		21-18	1			4-40	1
		21-18A	1			4-86	1
		21-30	1			4-117	1
		21-30A	1			4-118	1
		24-2	1			4-123	1
		24-4	1			4-139	1
RCR07G333KR		7-77	1			4B-13	6
		7-78	1			5-168	1
		10-86	1			21-76K	AR
		10-87	1			26-158	1
		24-29	1			31-395	1
		24A-30	1	RCR07G470KS		3-152	1
		28-11	1			3-173	1
RCR07G333KS		7-77	1			3-175	1
		7-78	1			3-183	1
		10-86	1			3-227	1
		10-87	1			3-244	1
		24-29	1			4-40	1
		24A-30	1			4-86	1
		28-11	1			4-117	1
RCR07G334KR		3-2	1			4-118	1
		11-8	1			4-123	1
		11A-8	1			4-139	1
RCR07G334KS		3-2	1			4B-13	6
		11-8	1			5-168	1
		11A-8	1			21-76K	AR
RCR07G390KR		21-76J	AR			26-158	1
RCR07G390KS		21-76	1			31-395	1
		21-76J	AR	RCR07G471KR		3-80A	AR
RCR07G391JS		27-24	1			5-128	1
RCR07G391KR		14-14	1			5-139	1
RCR07G391KS		3-281C	1			20-84	1
		14-14	1			21-5	1
RCR07G392KR		3-139	1			26-92	2
		3-176	1			31-399	2
		3-184	1	RCR07G471KS		3-80A	AR
		4-104	1			5-128	1
		4-131	1			5-139	1
		4-141	1			18-22	1
		4B-37	2			20-84	1
		20-51	1			20-84A	1
RCR07G392KS		3-139	1			21-5	1
		3-176	1			21-5A	1
		3-184	1			22-14	1
		4-104	1			26-92	2
		4-131	1			31-399	2
		4-141	1	RCR07G472KR		3-143	1
		4B-37	2			3-160	1
		4B-197	1			3-165	1
		20-51	1			3-203	1
		20-51A	1			3-206	1
RCR07G393KR		7-60	1			3-209	1
		10-74	1			3-236	1
RCR07G393KS		7-60	1			3-260	1
		10-74	1			4-79	1
RCR07G470KR		3-152	1			4-84	1
		3-173	1			4-98	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G472KR		4-103	1	RCR07G473KR		4B-11	3
		4-107	1			5-153	1
		4-135	1			5-155	1
		4B-49	6			5-213	1
		5-150	1			6-62	1
		5-151	1			6-95	1
		5-152	1			6-133	1
		5-210	1			7-58	1
		5-219	1			7-61	1
		5-220	1			7-72A	1
		6-73	1			7-72B	1
		14-7	1			10-83	1
		14-15	1			10-85	1
		14-20	1			10-90A	1
		26-36	6			10-95	1
		31-403	6			10-102	1
RCR07G472KS		3-143	1			10-145	1
		3-160	1			10-146	1
		3-165	1			11-57	1
		3-203	1			11-60	1
		3-206	1			11-154	1
		3-209	1			11-155	1
		3-236	1			11-159	1
		3-260	1			11A-57	1
		4-79	1			11A-60	1
		4-84	1			11A-154	1
		4-98	1			11A-155	1
		4-103	1			11A-159	1
		4-107	1			13-9	1
		4-135	1			20-48	1
		4B-49	6			26-33	3
		5-150	1			31-409	2
		5-151	1			31-411	3
		5-152	1	RCR07G473KS		3-12	1
		5-210	1			3-13	1
		5-219	1			3-16	1
		5-220	1			3-23	1
		6-73	1			3-45	1
		14-7	1			3-46	1
		14-15	1			3-105	1
		14-20	1			4-41	1
		22-3	1			4-42	1
		22-7	1			4-143	1
		26-36	6			4B-11	3
		31-403	6			5-153	1
RCR07G473JR		21-48	1			5-155	1
		21-50	1			5-213	1
RCR07G473JS		21-48	1			6-62	1
		21-48A	1			6-95	1
		21-50	1			6-133	1
		21-50A	1			7-58	1
RCR07G473KR		3-12	1			7-61	1
		3-13	1			7-72A	1
		3-16	1			7-72B	1
		3-23	1			10-83	1
		3-45	1			10-85	1
		3-46	1			10-90A	1
		3-105	1			10-95	1
		4-41	1			10-102	1
		4-42	1			10-145	1
		4-143	1			10-146	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G473KS		11-57	1	RCR07G562KS		21-24A	1
		11-60	1	RCR07G563KR		5-174	1
		11-154	1			5-174F	1
		11-155	1			5-174G	1
		11-159	1			5-174H	1
		11A-57	1			5-174J	1
		11A-60	1			5-179A	1
		11A-154	1			5-245A	1
		11A-155	1			5-245B	1
		11A-159	1			6-67	1
		13-9	1			6-68	1
		20-48	1			6-69	1
		20-48A	1			6-71	1
		20-95	1			6-96	1
		26-33	3			6-99	1
		31-409	2			6-100	1
		31-411	3			6-102	1
						6-103	1
						6-105	1
						6-106	1
RCR07G474KR		5-169	1			6-112	1
		5-170	1			6-113	1
		5-171	1			6-114	1
		26-156	3			6-115	1
RCR07G474KS		31-415	3			6-116	1
		5-169	1			8-23	1
		5-170	1			8A-23	1
		5-171	1			27-38	1
RCR07G560KR		26-156	3			5-174	1
		31-415	3			5-174F	1
						5-174G	1
						5-174H	1
RCR07G560KS						5-174J	1
						5-179A	1
						5-245A	1
						5-245B	1
RCR07G561KR						6-67	1
						6-68	1
						6-69	1
						6-71	1
RCR07G561KS						6-96	1
						6-99	1
						6-100	1
						6-102	1
RCR07G562KR						6-103	1
						6-105	1
						6-106	1
						6-112	1
RCR07G562KS						6-113	1
						6-114	1
						6-115	1
						6-116	1
						6-128	1
						6-136	1
						8-23	1
						8A-23	1
						27-38	1
						14-8	1
						14-11	1
						21-76M	AR
						14-8	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RCR07G680KS		14-11	1	RCR07G824KS		10-140	1
		21-76M	AR			11-79	1
RCR07G681JR		3-281D	1			11A-79	1
		3-355	1	RCR20G221KS		12-23	1
RCR07G681JS		3-281D	1			24-37	1
		3-355	1	RCR20G272KS		7-68	1
RCR07G681KR		3-80C	AR			7-69	1
		5-189	1			10-76	1
		18-8	1			10-138	1
		20-57	1	RCR20G681KS		12-24	1
RCR07G681KS		3-80C	AR	RCR32G331KS		14-26	1
		5-189	1	RCWP11002100F		32-187	2
		18-8	1	RG178BU		3-233	AR
		20-57	1	RJ24CP102		11A-137A	1
RCR07G682KR		4-89	1	RJ24CP103		7-112B	1
		4B-93	1			9-58B	1
		7-72	1			9-58D	1
		7-73	1			9-79B	1
		10-132	1			9A-23	2
		10-133	1			10-114B	1
		21-32	1			10-117B	1
RCR07G682KS		4-89	1			11A-141A	1
		4B-93	1			27-23A	1
		7-72	1	RJ24CP202		7-51B	1
		7-73	1			9-59B	1
		10-132	1			9-78B	1
		10-133	1			9A-27	2
		21-32	1			10-110B	1
		21-32A	1	RJ24CP203		27-22A	2
RCR07G683KR		6-81	1	RJ24CP501		7-52B	1
RCR07G683KS		6-81	1			9-62B	1
RCR07G753JR		7-56	1			9-77B	1
		10-94	1			9A-29	2
RCR07G753JS		7-56	1			10-111B	1
		10-94	1	RJ24CP502		10-112C	1
RCR07G821KR		3-80D	AR	RJ24CP503		6-104B	1
		20-60	1			27-27A	1
RCR07G821KS		3-80D	AR	RJ24CW102		32-113	1
		20-60	1	RJ24CW103		3-320A	1
		20-60A	1			3B-79	1
RCR07G823KR		24-10	1			32-117	1
		24-15	1	RJ24CW201		3-130B	1
		24-42	1			3B-75	1
		24-58	1	RJ24CW501		32-111	2
		24A-10	1	RJ24CW502		3-62B	1
		24A-14	1			3-62B	1
		28-5	2			3-170B	1
RCR07G823KS		24-10	1			3-170B	1
		24-15	1			3B-77	2
		24-42	1			3B-77	2
		24-58	1			32-115	1
		24A-10	1			32-115	1
		24A-14	1	RJ24CX201		26-122A	1
		28-5	2			31-299	1
RCR07G824KR		10-115	1	RJ24FP102		11A-137A	1
		11-79	1	RJ24FP103		7-112B	1
		11A-79	1			9-58D	1
RCR07G824KS		7-57	1			9-79B	1
		7-67	1			9A-23	2
		10-75	1			10-114B	1
		10-115	1			10-117B	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RJ24FP103		11A-141A	1	RLR07C9090FR		4B-199X	AR
		27-23A	1	RLR07C9090FS		4B-199X	AR
RJ24FP202		7-51B	1	RM4558D		6-137C	1
		9-59B	1			9A-85A	1
		9-78B	1			11A-24A	1
		9A-27	2			11A-47A	1
		10-110B	1			11A-131A	1
RJ24FP203		27-22A	2			26-192A	2
RJ24FP501		7-52B	1			31-247	2
		9-62B	1	RM4558DE		5-238	1
		9-77B	1			5-238A	1
		9A-29	2			5-285	1
		10-111B	1			5-285A	1
RJ24FP502		10-112C	1			5-287A	1
RJ24FP503		6-104B	1			5-287B	1
RJ24FW102		32-113	1			6-137	1
RJ24FW103		3-320A	1			6-137A	1
		3B-79	1			6-137B	1
		32-117	1			6-137C	1
RJ24FW201		3-130B	1			6-137C	1
		3B-75	1			9A-85	1
RJ24FW501		32-111	2			9A-85A	1
RJ24FW502		3-62B	1			9A-85A	1
		3-170B	1			11-24	1
		3B-77	2			11-24A	1
		32-115	1			11-47	1
RJ24FX201		26-122A	1			11-47A	1
		31-299	1			11-131	1
RKTS440-4		5-323	2			11-131A	1
		5-323A	2			11A-24	1
		31-99	2			11A-24A	1
RLR05C10R0FR		3B-191	1			11A-24A	1
RLR05C10R0FS		3B-191	1			11A-47A	1
RLR05C2211FR		3B-189	1			11A-47A	1
RLR05C2211FS		3B-189	1			11A-131	1
RLR05C47R5FR		3B-187	1			11A-131A	1
RLR05C47R5FS		3B-187	1			11A-131A	1
RLR07C1001FR		4B-187	1			12-20	1
		4B-199Y	AR			12-20A	1
RLR07C1001FS		4B-187	1			26-67	1
		4B-199Y	AR			26-67A	1
RLR07C1101FR		4B-199Z	AR			26-192	2
RLR07C1101FS		4B-199Z	AR			26-192A	2
RLR07C1211FR		4B-201A	AR			26-192A	2
RLR07C1211FS		4B-201A	AR			31-245	1
RLR07C1301FR		4B-201B	AR			31-247	2
RLR07C1301FS		4B-201B	AR			31-247	2
RLR07C1501FR		4B-201C	AR	RM723T		5-276	1
RLR07C1501FS		4B-201C	AR			5-276A	1
RLR07C1821FR		4B-201D	AR			26-147	1
RLR07C1821FS		4B-201D	AR			26-147A	1
RLR07C2211FR		4B-201E	AR			31-229	1
RLR07C2211FS		4B-201E	AR	RNC55H3011FS		3-333D	AR
RLR07C2741FR		4B-201F	AR	RNC55H4990FS		3-327A	AR
RLR07C2741FS		4B-201F	AR	RN55D1000F		4B-157C	AR
RLR07C3321FR		4B-201G	AR			11-135	1
RLR07C3321FS		4B-201G	AR			11A-135	1
RLR07C3921FR		4B-201H	AR	RN55D1001F		5-136	1
RLR07C3921FS		4B-201H	AR			5-165C	1
RLR07C8250FR		4B-199W	AR			5-174D	1
RLR07C8250FS		4B-199W	AR			6-74	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	
RN55D1001F		6-77A	1	RN55D1002F		11-172	1	
		11-42	1			11-173	1	
		19-6	1			11A-56A	1	
		21-15	1			11A-68	1	
		23-6	1			11A-125	1	
		25-17	1			11A-146	1	
		26-98	2			11A-156	1	
		31-315	2			11A-160	1	
	RN55D1002F		3-85R		AR		11A-161	1
			5-115A		1		11A-165	1
		5-127	1		11A-170	1		
		5-164	1		11A-172	1		
		5-166	1		11A-173	1		
		5-167	1		13-43	1		
		5-177	1		19-7	1		
		5-178	1		23-7	1		
		5-212	1		25-4	1		
		5-214	1		25-5	1		
	5-216	1		25-28	1			
	5-218	1		26-20	10			
	6-61	1		27-29	2			
	6-76A	1	RN55D1003F		31-323	10		
	6-79	1			3-5A	1		
	6-91	1			3-71	1		
	6-94	1			3-72	1		
	6-98	1			3-99	1		
	6-119	1			3B-135	4		
	6-121	1			4-38	1		
	6-122	1			4B-19	1		
	6-123	1			5-116	1		
	6-131	1			5-119	1		
	6-132	1		5-173A	1			
	6-135	1		5-222	1			
	7-91	1		5-224	1			
	7-109	1		6-101	1			
	8-27	1		6-109	1			
	8-46	1		6-117	1			
	8A-27	1		6-118	1			
	8A-46	1		6-127	1			
	8B-65	1		6-134	1			
	8B-77	1		9-71	1			
	9-55	1		9-73	1			
	9-67	1		9-94	1			
	9-69	1		9A-59	4			
	9-70	1		11-140	1			
	9-74	1		11-176	1			
	9-82	1		11A-140	1			
	9-88	1		11A-176	1			
	9A-19	13		26-19	5			
	10-98	1		31-335	5			
	10-104	1	RN55D1022F		3-87T	AR		
	10-107	1	RN55D1052F		3-58	1		
	10-121	1			3-85S	AR		
	11-68	1			3B-127	1		
	11-125	1			6-82A	1		
	11-146	1	RN55D1071F		5-146A	1		
	11-156	1			11-102	1		
	11-160	1	RN55D1072F		3-87U	AR		
	11-161	1	RN55D1101F		5-136A	1		
	11-165	1			5-141	1		
	11-170	1			5-146	1		

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55D1101F		26-76	2	RN55D1582F		3-88B	AR
		31-317	2			3-91A	AR
RN55D1102F		3-85T	AR	RN55D1622F		3-86A	AR
		5-214A	1			3-90B	AR
		8-59	1	RN55D1651F		4B-199F	AR
		8A-59	1	RN55D1652F		3-88C	AR
		26-34	1			3-91B	AR
		31-325	1			10-96A	1
RN55D1132F		3-87V	AR			10-97A	1
RN55D1152F		3-85U	AR	RN55D1692F		3-86B	AR
RN55D1182F		3-87W	AR			3-90C	AR
		20-80	1	RN55D1741F		4B-199G	AR
		21-12	1			9A-67	1
RN55D1210F		31-465	1	RN55D1742F		3-88D	AR
RN55D1211F		20-72	1			3-91C	AR
		27-13A	1	RN55D1782F		3-26	1
RN55D1212F		3-85V	AR			3-27	1
		7-102A	1			3-86C	AR
		24-11A	1			3-90D	AR
		24-53A	1			3B-129	2
		24A-24	1			5-162	1
		24A-45	1			8-56	1
		27-34A	1			8A-56	1
		28-15	2			10-116	1
RN55D1241F		3-129	1			11-171	1
		3B-139	1			11A-171	1
		3-87X	AR			26-161	1
RN55D1242F		3-85W	AR			31-327	1
RN55D1272F		3-87Y	AR	RN55D1821F		7-89	1
RN55D1302F		11-168	1			9-83	1
		11A-168	1			9A-71	1
RN55D1332F		3-85X	AR			10-120	1
		10-109	1	RN55D1822F		3-88E	AR
RN55D1333F		8B-24	1			3-91D	AR
		8B-31	1	RN55D1872F		3-86D	AR
		27-9	2			3-90E	AR
RN55D1372F		3-87Z	AR	RN55D1911F		4B-199H	AR
RN55D1402F		3-85Y	AR	RN55D1912F		3-88F	AR
		8B-28	1			3-91E	AR
		8B-29	1	RN55D1961F		3-84E	AR
		27-10	2	RN55D1962F		3-83A	1
RN55D1432F		3-88	AR			3-86E	AR
RN55D1471F		20-81	1			3-90F	AR
RN55D1472F		3-85Z	AR			5-120	1
RN55D1473F		8B-26	1			5-123	1
		8B-27	1			26-45	2
		27-11	2			31-329	2
RN55D1500F		10-79A	1	RN55D2001F		3-86F	AR
RN55D1501F		10-89A	1			4B-199J	AR
RN55D1502F		3-88A	AR			8-27A	1
		3-91	AR			8A-27A	1
		5-174A	1			8B-66	1
		26-99	1			10-123	1
RN55D1541F		21-16	1			11-145	1
RN55D1542F		3-86	AR			27-30	1
		3-90A	AR	RN55D2002F		3-88J	AR
		7-110	1			3-91F	AR
		8-48	1			5-117A	1
		9-61	1			8-48A	1
		9A-25	1			8A-48	1
RN55D1581F		4B-199E	AR			8B-63	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55D2002F		9A-89	2	RN55D2322F		5-121	1
		11-71	1			26-44	2
		11A-71	1			31-347	2
		11A-102	1		RN55D2371F	3-84J	AR
		25-22	1			5-157	1
		26-78	1			26-165	1
		27-25	1			31-319	1
		31-345	1			3-90K	AR
		6-75	1			11-53	1
						11-58	1
RN55D2003F		3-84F	AR			11A-53	1
RN55D2051F		3-88G	AR			11A-58	1
RN55D2052F		3-90G	AR			31-461	1
		6-66	1	RN55D2430F		3-86K	AR
		6-82	1		RN55D2431F	4B-199M	AR
		6-129	1			3-91K	AR
		6-130	1			5-144	1
		11-21	1			26-114	1
		11A-21	1			31-305	1
		3-86G	AR			3-84K	AR
		4B-199K	AR			21-11	1
		5-142	1			3-90L	AR
		9A-75	1			3-195	1
RN55D2101F		11-19	1	RN55D2490F		3B-131	1
		26-171	1			7-53	1
		31-339	1			8-47A	1
		3-91G	AR			8A-47A	1
		11-56	1			8B-62	1
		11A-56	1			9-84	1
		25-29	1			9-91	1
		3-84G	AR			9-98	1
		6-88	1			9A-31	3
		6-89	1			10-124	1
RN55D2102F		31-467	1	RN55D2491F		27-26	1
		3-90H	AR			3-86L	AR
		11-142	1		RN55D2551F	4B-199N	AR
		11A-142	1			3-84C	1
		3-86H	AR			3-91L	AR
		4B-191	1			10-99	1
		19-23	1			3-84L	AR
		23-22	1			3-90M	AR
		32-263	1			25-33	1
		3-61	1			3-86M	AR
		3-91H	AR			4B-199P	AR
RN55D2151F		3-190	1			3-91M	AR
		3B-141	2	RN55D2671F		10-78A	1
		7-104	1			4-27A	1
		9-51	1			4B-55	1
		9A-93	1			3-84M	AR
		3-84H	AR			5-223	1
		7-105	1			19-10	1
		9-53	1			23-10	1
		9A-95	1			26-37	1
		3-90J	AR			31-321	1
		4-31	1			3-90N	AR
RN55D2152F		4B-51	1	RN55D2742F		3-86N	AR
		6-64	1			4B-199Q	AR
		6-128A	1			3-91N	AR
		3-86J	AR			3-84N	AR
		4B-199L	AR			3-90P	AR
		3-91J	AR			3-86P	AR
		5-118	1				
RN55D2211F				RN55D2801F			
RN55D2212F				RN55D2802F			
RN55D2261F				RN55D2871F			
RN55D2262F				RN55D2872F			
RN55D2321F				RN55D2941F			
RN55D2322F							

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55D2941F		4B-199R	AR	RN55D3482F		3-90U	AR
RN55D2942F		3-91P	AR			5-117	1
		10-118	1			5-122	1
		11-130	1			26-43	2
		11A-130	1			31-331	2
RN55D3011F		3-84P	AR	RN55D3571F		3-86U	AR
		4B-199A	AR			4B-199U	AR
		6-63	1	RN55D3572F		3-91U	AR
RN55D3012F		3-90R	AR			5-159	1
		6-90	1			26-145	1
		8B-25	1			31-351	1
		9A-43	4	RN55D3651F		3-84U	AR
		11-94	1			6-80	1
		11A-94	1			11-32	1
		27-15	1			11A-32	1
RN55D3013F		9A-49	2	RN55D3652F		3-90V	AR
		11A-160A	1			7-102	1
RN55D3091F		3-86R	AR			7-103	1
		4B-199S	AR			9-52	1
RN55D3092F		3-91R	AR			9-60	1
		26-99A	1			9A-5	2
RN55D3161F		3-84R	AR	RN55D3741F		3-86V	AR
		4B-199B	AR			4B-199V	AR
RN55D3162F		3-90S	AR	RN55D3742F		3-91V	AR
		6-75A	1	RN55D3831F		3-84V	AR
		11-19A	1			4-28	1
		11A-19	1			4B-199D	AR
RN55D3241F		3-86S	AR			6-181A	1
RN55D3242F		3-91S	AR	RN55D3832F		3-90W	AR
		3-101	1			8-57	1
		3-102	1			8-60	1
		3B-143	2			8A-57	1
RN55D3320F		20-71	1			8A-60	1
RN55D3321F		3-84S	AR			19-10A	1
		10-122	1	RN55D39R2F		13-41	1
		20-76	1	RN55D3921F		3-86W	AR
		32-265	1			10-123A	1
RN55D3322F		3-7A	1			11-145A	1
		3-7B	1	RN55D3922F		3-88K	AR
		3-90T	AR			3-91W	AR
		3B-133	1			13-41A	1
		6-87	1			20-79	1
		11-20	1			21-19	1
		11A-20	1	RN55D4021F		3-84W	AR
		32-267	1			7-54	1
RN55D3401F		3-86T	AR	RN55D4022F		3-88H	AR
		4B-199T	AR			3-89A	1
RN55D3402F		3-91T	AR			3-90X	AR
		5-174B	1			5-191A	1
		26-99B	1			6-83	1
RN55D3480F		31-349	1			8B-33	1
		5-140	1			9-85	1
		5-145A	1			9A-79	1
		26-86	2			10-119	1
		31-307	2			11-11	1
RN55D3481F		3-84T	AR			11-95	1
		4-28A	1			11A-11	1
		4B-53	1			25-31	1
		4B-199C	AR			25-36	1
		11-144	1			25-39	1
		11A-144	1			25-50	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55D4022F		25-51	1	RN55D4992F		3B-145	3
		26-75	1			4-39	1
		27-28	1			4B-17	1
		31-333	1			5-118A	1
RN55D4121F		3-86X	AR			5-215	1
RN55D4122F		3-91Z	AR			7-74	1
		6-93	1			7-79	1
RN55D4221F		3-84X	AR			9-87	1
RN55D4222F		3-90Y	AR			9A-83	1
RN55D4321F		3-86Y	AR			10-106	1
RN55D4322F		3-92	AR			11-120	1
RN55D44R2F		4B-157A	AR			11-122	1
RN55D4421F		3-84Y	AR			11-136	1
		31-463	1			11A-120	1
RN55D4422F		3-90Z	AR			11A-122	1
RN55D4531F		3-87	AR			11A-136	1
		6-92	1			26-169	2
RN55D4532F		3-92A	AR			31-353	2
RN55D46R4F		4B-189	1	RN55D5111F		3-85A	AR
RN55D4641F		3-84Z	AR			20-78	1
		24-2A	1			21-23	1
		24-4A	1	RN55D5230F		9A-51E	AR
		24A-2	1	RN55D5231F		3-87C	AR
		24A-4	1	RN55D5360F		9A-51B	AR
		28-24	2	RN55D5361F		3-85B	AR
RN55D47R5F		13-31	1	RN55D5490F		9A-51F	AR
RN55D4751F		3-87A	AR			9A-57H	AR
		23-10A	1	RN55D5491F		3-87D	AR
RN55D4752F		6-62A	1	RN55D5492F		11-157	1
		6-63B	1			11A-157	1
		8-58	1	RN55D5620F		5-160	1
		8A-58	1			6-74A	1
		11-2	1			9A-51	1
		11-151	1			9A-51C	AR
		11-152	1			9A-57B	AR
		11A-2	1			11-42A	1
		11A-151	1			11A-42	1
		11A-152	1			26-144	1
		13-31A	1			31-309	1
RN55D4871F		3-85	AR	RN55D5621F		3-85C	AR
		9A-53	2			6-63A	1
RN55D49R9F		4B-185	1			6-181	1
RN55D4990F		5-138	1	RN55D5622F		6-126	1
		26-87	1			8-61	1
		31-337	1			8A-61	1
RN55D4991F		3-87B	AR			11-44	1
		5-211	1			11A-44	1
		5-217	1	RN55D5760F		9A-51G	AR
		6-124	1			9A-57J	AR
		9A-63A	1	RN55D5761F		3-87E	AR
		9A-73	1	RN55D5900F		5-145	1
		10-135	1			9A-51D	AR
		11-99	1			9A-57C	AR
		11-153	1	RN55D5901F		3-85D	AR
		11A-99	1	RN55D5902F		8B-23	1
		11A-153	1			10-108	1
		26-17	2			27-39	1
		31-341	2	RN55D6040F		9A-51H	AR
RN55D4992F		3-84B	1			9A-57K	AR
		3-89	1	RN55D6041F		3-87F	AR
		3-196	1	RN55D6190F		9A-57	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55D6190F		9A-57D	AR	RN55D7872F		9-86	1
RN55D6191F		3-85E	AR			9A-77	1
		6-83A	1			10-125	1
		11-95A	1	RN55D8061F		3-87M	AR
		11A-95	1			11-167	1
RN55D6192F		6-65	1			11A-167	1
RN55D6340F		9A-57L	AR	RN55D8062F		6-60	1
RN55D6341F		3-87G	AR			6-60A	1
RN55D6490F		9A-57E	AR			6-120	1
RN55D6491F		3-85F	AR			6-120A	1
		3-192	1			11-46	1
		3B-121	1			11-80	1
RN55D6650F		9A-57M	AR			11A-46	1
RN55D6651F		3-87H	AR			11A-80	1
		11-169	1	RN55D8251F		3-85L	AR
		11A-169	1	RN55D8451F		3-87N	AR
RN55D6652F		9-92	1	RN55D8661F		3-85M	AR
		9-93	1			3-120	1
		9A-91	2			3-121	1
RN55D6810F		4B-193	1			3B-125	2
		5-221	1	RN55D8662F		11-147	1
		9A-57F	AR			11A-147	1
		26-18	1	RN55D8871F		3-87P	AR
		31-311	1			6-60B	1
RN55D6811F		3-85G	AR			6-120B	1
		9A-13A	1	RN55D9091F		3-85N	AR
		19-8	1	RN55D9092F		7-106	1
		23-8	1			9-56	1
RN55D6812F		10-126	1			9-81	1
		11-26	1			9A-17	2
		11-162	1			10-129	1
		11A-26	1	RN55D9311F		3-87R	AR
		11A-162	1	RN55D9530F		5-146B	1
RN55D6980F		9A-57N	AR			26-115	1
RN55D6981F		3-87J	AR			31-313	1
RN55D6982F		19-17A	1	RN55D9531F		3-85P	AR
RN55D7150F		9A-57G	AR			19-17	1
RN55D7151F		3-85H	AR			23-16	1
		6-75B	1	RN55D9761F		3-87S	AR
RN55D7152F		8B-32	1			5-161	1
		25-4A	1			26-143	1
		25-5A	1			31-343	1
		27-32	1	RN55E1002B		5-128A	1
RN55D7320F		3-200	1			5-165A	1
		3B-137	1			5-185	1
RN55D7321F		3-87K	AR			5-231	1
RN55D7322F		6-78	1			5-235	1
		11-28	1			10-100	1
		11A-28	1			10-134	1
RN55D75R0F		4B-157B	AR			11-116	1
RN55D7501F		3-60	1			11-118	1
		3-66	1			11A-116	1
		3-68	1			11A-118	1
		3-85J	AR			26-38	3
		3-112	1			26-189	2
		3-116	1			31-365	3
		3B-123	5	RN55E1003B		11-123	1
		11-145B	1			11-126	1
		11A-145	1			11A-123	1
RN55D7681F		3-87L	AR			11A-126	1
RN55D7871F		3-85K	AR	RN55E1152B		11-63	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RN55E1152B		11-107	1	RN55E3242B		31-385	1
		11A-63	1			11-109	1
		11A-107	1			11A-109	1
RN55E1182B		5-197	1	RN55E3742B		5-202	1
		5-198	1			5-205	1
		26-41	2			26-70	2
		31-367	2			31-387	2
RN55E1372B		5-228	1	RN55E3831B		5-191	1
		26-72	1			5-193	1
		31-369	1			26-47	2
RN55E1502B		5-179	1	RN55E4021B		31-359	2
		5-182	1			9-63	1
		26-53	2			9-64	1
RN55E1622B		31-371	2	RN55E4322B		9-75	1
		5-204	1			9-76	1
		5-206	1			9A-37	4
		11-65	1			11-106	1
		11-76	1			11A-106	1
		11-108	1			5-201	1
		11A-65	1			5-229	1
		11A-76	1			26-73	2
		11A-108	1			31-389	2
		26-68	2	RN55E4991B		5-111	1
RN55E1692B		31-373	2			5-128B	1
		11-111	1			5-165B	1
RN55E1721B		11A-111	1			5-194	1
		5-115	1			26-39	2
		5-195	1			26-189A	2
		26-46	2	RN55E5111B		31-361	4
RN55E1872B		31-355	2			11-70	1
		5-209	1	RN55E5112B		11A-70	1
		5-227	1			5-226	1
		11-100	1			26-69	1
		11A-100	1	RN55E5361B		31-391	1
RN55E2001B		26-21	2			11-64	1
		31-375	2			11A-64	1
		5-184	1	RN55E5901B		9-80A	1
		5-188	1			9A-63	1
		26-51	2			10-113	1
RN55E2002B		31-357	2	RN55E6651B		11-124	1
		5-186	1			11-127	1
		5-187	1			11A-124	1
		11-110	1	RN55E6811B		11A-127	1
		11A-110	1			5-110	1
RN55E2612B		26-52	2			5-196	1
		31-377	2			5-199	1
		5-190	1	RN55E8061B		5-230	1
		5-192	1			26-42	4
		26-48	2			31-363	4
RN55E2742B		31-379	2			7-111	1
		5-203	1			9-57	1
		26-71	1			9-80	1
RN55E2802B		31-381	1	RN55E8662B		9A-13	1
		11-74	1			5-180	1
		11A-74	1			5-183	1
RN55E3012B		5-174C	1	RS2C138		26-54	2
		5-174E	1			31-393	2
		26-108	2			5-165	1
RN55E3242B		31-383	2	RWR67V4R7		26-100	1
		5-207	1			31-427	1
		26-22	1			5-143	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
RWR67V4R7		5-143A	1	SCL4013BC		8A-36	1
		26-121	1			8A-52	1
		26-121A	1			8B-40	1
		31-429	1			8B-41	1
RWR81SR100FR		5-195A	1			8B-47	1
RWR81SR121FR		26-111	1			20-61	1
		31-423	1	20-65		1	
		5-154	1	21-31		1	
RWR89SR100FM		26-134	1			21-35	1
		31-425	1	21-40		1	
		5-147	1	27-17		3	
RW67VR51		26-123	1	SCL4020BE		24-28	1
		31-431	1			24-28A	1
		5-143A	1			24A-29	1
RW67V4R7		26-121A	1			24A-29A	1
		31-429	1	28-25		1	
		2-129	2	28-25A		1	
RW67V6R8		5-165	1	SCL4049UBE		24-31	1
RW69V181		26-100	1			24-31A	1
		31-427	1			24A-32	1
RW70U1R00F		7-62	1			24A-32A	1
		10-144	1	28-12		1	
		2-85	4	28-12A		1	
R12NCFMA1-62		2-121	8	SCM43809P		8-30	1
R22NCFMA1-26		3-312	2			8A-30	1
		3-312A	2			15-2	1
		4-58	2	15-13	1		
		4-58A	2	8-22	1		
R22NCFMA1-40		4A-33	2		SCM43988PK	8A-22	1
		33-17	2			8-22A	1
		2-39A	1		SCM45676LK	8-30A	1
		2-45A	4			8B-22	1
		2-51A	3			8B-39	1
		2-60A	2			15-2A	1
		2-63A	2			15-13A	1
		2-72A	5			8B-22A	1
		2-76A	5			8B-39A	1
		2-80A	2			15-2B	1
		5-282A	4			15-13B	1
		5-299A	5			27-7	2
		5-324A	18	SC12514L		20-88	1
		31-101	20			20-88A	1
		31-115	2			21-62	1
				31-125		5	
SA630D		32-219	1			34-23	1
SBE192P223K080V		14-38A	1	SE19D01		2-127	2
SCL4001UBC		6-156	1	SE43BRSH		3-215	1
		6-170	1	SE55		2-32	2
SCL4013BC		12-14	1			2-44	1
		3-104	1			2-50	1
		3B-45	1	SE565F		5-239	1
		6-146	1	SE567D		32-217	1
		6-151	1	SF50154		3-117B	1
		6-153	1			3-117C	1
		6-160	1			3-117C	1
		6-163	1			3-119B	1
		6-189	1			3-119C	1
		8-20	1			3-119C	1
		8-36	1			3B-59	2
		8-52	1			3B-59	2
		8A-20	1	SG101AT		16-27	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
SG101AT		16-29	1	SG3302N		9-21	1
		16-56	1			9-21A	1
		16-58	1			9A-55	3
SG10728		5-260	1			9A-55A	3
		26-201	1			10-29	1
		31-55	1			10-29A	1
SG117K		2-2A	1			11-55	1
		5-253A	1			11-55A	1
SG117T		5-260	1			11-158	1
		26-201	1			11-158A	1
		31-55	1			11A-55	1
SG120-08T		5-261A	1			11A-55A	1
		26-117A	1			11A-158	1
		31-71	1			11A-158A	1
SG120-12K		5-266	1			13-29	1
		26-140	1			13-29A	1
		31-23	1			26-168	1
SG120K12		5-266	1			26-168A	1
		26-140	1			27-36	1
		31-23	1			27-36A	1
SG120T8		5-261	1			31-235	1
		5-261A	1	SK9100202		35-11	2
		26-117	1			36-13	3
		26-117A	1			3-316A	3
		31-71	1	SL354-351		3-316	3
		31-167	1	SL354-351WHT		3-316A	3
SG137T		5-241	1			4B-167	4
SG1536T		5-243	1	SL441-434		4B-167	4
		26-66	2	SL441-434DWHITE		20-6	1
SG1536Y		31-231	2	SMV1276		20-6C	1
SG1558Y		5-238	1			20-7	1
		5-238A	1			20-7C	1
		5-285	1	SNJ54LS74AJ		20-69	1
		5-285A	1	SN54HC32J		31-267	1
		5-287A	1	SN54LS00J		20-66	1
		5-287B	1			20-66	1
		6-137	1			21-28	1
		6-137A	1			21-28	1
		6-137B	1	SN54LS190J		20-89	1
		9A-85	1			20-89A	1
		11-24	1			20-89A	1
		11-24A	1			21-53	1
		11-47	1			21-53	1
		11-47A	1			21-53B	1
		11-131	1			21-53B	1
		11-131A	1			21-54	1
		11A-24	1			21-54	1
		11A-131	1			21-54B	1
		12-20	1			21-54B	1
		12-20A	1	SN54LS191J		20-64	1
		26-67	1			20-64A	1
		26-67A	1			20-64A	1
		26-192	2			20-64A	1
		31-245	1			20-90	1
SG3302N		5-265	1			20-90A	1
		5-265A	1			20-90A	1
		6-145	1			20-90A	1
		7-24	1			21-34	1
		7-24A	1			21-34A	1
		8B-11	1			21-34A	1
		8B-11A	1			21-34A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
SN54LS74AJ		20-69	1	SR305E105MAA		11A-129A	1
		20-69	1			26-166A	3
SN54LS93J		18-11	1			31-433	3
		20-62	1	SX03-002-2015FR		26-83B	1
		20-62	1			31-31	1
SN54S74J		21-57	1			31-45	1
		21-57A	1	S54LS190F		20-89	1
SN5404J		20-59	1			20-89A	1
		20-59A	1			21-53	1
SN5493AJ		18-11B	1			21-53B	1
SN74HCT74D		34-133	1			21-54	1
SN74HC00D		34-25	1			21-54B	1
SN74HC02D		34-27	1	S5404F		20-59A	1
SN74HC04D		34-39	2	TM1-8-470-5		3-135	1
SN74HC10D		34-29	1			3-135A	1
SN74HC132D		32-89	1			3B-147	1
		34-31	1	TRS2-25-1		32-237	1
SN74HC161D		34-33	2	TSW3800-16BW		5-326	1
SN74HC74D		34-41	2			5-337	1
SP8680A		20-87	1			6-187	2
		21-66	1			11A-179	1
		34-21	1	TSW3800-18BW		5-334	1
SP8680ADG		20-87	1	TSW3800-24BW		5-328	1
		21-66	1			5-330	1
		34-21	1			5-331	1
SR151A101JAA		3-113C	1			5-332	1
		3-114C	1			24-41	1
		3B-211	2			24A-39	1
		18-15A	1			28-26	1
		18-16A	1			28-27	1
SR151A221JAA		4-33A	1	TSW3800-40BW		5-328	1
		4B-21	2			5-330	1
		18-2A	1			5-331	1
		22-16A	1			5-332	1
SR151A331JAA		20-5A	1			13-8	1
SR151A391KAA		6-14C	1			24-41	1
		11A-25A	1			24-45	1
		11A-59A	1			24A-39	1
		20-4A	1			24A-44	1
SR201A102JAA		4B-179	1			28-26	1
SR211A102JAA		26-14A	1			28-27	1
		31-435	1	TXB2-019-028B		4-65	1
SR211A152KAA		4B-177	1	TXB2-019-028CR		4-65A	1
SR211A222JAA		6-11A	1			4B-99	1
		6-12A	1	TXB2P032-025B		26-211	1
		11-33A	1			31-69	1
		11-34A	1	TXB3-032-037R		31-175	2
		11A-33A	1	T110A473M035AS		14-2A	1
		11A-34A	1			14-28A	1
SR211A241FAA		3-115C	1			14-29A	1
		3-142C	1			14-33A	1
		3-156C	1	T110B225K035AS		14-40	1
		3-163C	1	T111A115K020AS		14-5	1
		3-191C	1	T491X226K035AS		32-199	1
		3-246C	1	T7		32-99	4
		3-276C	1	UA101AHM		16-27	1
		3B-205	7			16-29	1
SR305E105MAA		5-57A	1			16-56	1
		5-59A	1			16-58	1
		5-74F	1	UA148DM		3-15	1
		11-129B	1			3-15A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
UA148DM		3-95	1	UA148DM		11-98A	1
		3-95A	1			11-134	1
		3-127	1			11-134A	1
		3-127A	1			11A-12	1
		3B-43	3			11A-12A	1
		4-43	1			11A-98	1
		4-43A	1			11A-98A	1
		4B-9	1			11A-134	1
		5-236	1			11A-134A	1
		5-236A	1			26-25	5
		5-240	1			26-25A	5
		5-240A	1			27-35	1
		5-247	1			27-35A	1
		5-247A	1			31-243	5
		5-248	1	UA1558RM		5-238	1
		5-248A	1			5-238A	1
		5-251	1			5-285	1
		5-251A	1			5-285A	1
		6-139	1			5-287A	1
		6-139A	1			5-287B	1
		6-141	1			6-137	1
		6-141A	1			6-137A	1
		7-3	1			6-137B	1
		7-3A	1			6-143	1
		7-8	1			6-143A	1
		7-8A	1			6-162	1
		7-49	1			6-162A	1
		7-49A	1			9A-85	1
		8-63	1			11-24	1
		8-63A	1			11-24A	1
		8A-63	1			11-47	1
		8A-63A	1			11-47A	1
		8B-71	1			11-88	1
		8B-71A	1			11-88A	1
		9-10	1			11-114	1
		9-10A	1			11-114A	1
		9-16	1			11-131	1
		9-16A	1			11-131A	1
		9-17	1			11A-24	1
		9-17A	1			11A-47	1
		9-25	1			11A-88	1
		9-25A	1			11A-88A	1
		9-27	1			11A-114	1
		9-27A	1			11A-114A	1
		9-30	1			11A-131	1
		9-30A	1			12-20	1
		9-44	1			12-20A	1
		9-44A	1			18-12	1
		9A-21	6			18-12A	1
		9A-22	1			26-67	1
		10-35	1			26-67A	1
		10-35A	1			26-192	2
		10-40	1			31-245	1
		10-40A	1	UA3302PV		5-265A	1
		10-44	1			7-24A	1
		10-44A	1			8B-11A	1
		10-66	1			9-21A	1
		10-66A	1			9A-55A	3
		11-12	1			10-29A	1
		11-12A	1			11-55A	1
		11-98	1			11-158A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
UA3302PV		11A-55A	1	0P11AY		6-139B	1
		11A-158A	1			6-139B	1
		13-29A	1			6-141B	1
		26-168A	1			6-141B	1
		27-36A	1			7-45A	1
UA348PC		31-235	1	0P20-027Z		7-45A	1
		5-247	1			9-7C	1
		5-248	1			9-7C	1
		5-251	1			9-31C	1
		11A-98	1			9-31C	1
UA741ARM		7-45	1			9A-9A	2
		9-7	1			9A-9A	2
		9-7A	1			10-46A	1
		9-31	1			10-46A	1
		9-31A	1			10-157	1
		10-46	1			10-157	1
		10-48	1	0P20CZ		7-45A	1
		11-143	1			9-7C	1
		11A-143	1			9-31C	1
		20-75A	1			9A-9A	2
UA741RM		21-26A	1			10-46A	1
		21-26C	1	002-3402-000599		10-157	1
		26-91	2			3-316	3
		26-91B	2			3-316A	3
		5-250	1			4B-167	4
		5-252	1			8-31	1
		20-75	1	004-3401-000599		2-83	RF
		20-75B	1			2-119	RF
		21-26B	1			2-28	RF
		26-91C	2			2-25	RF
		31-241	2			2-86	RF
UNCLX1MH		32-239	1	012-1968-000		2-109	RF
UNCLX1MH1		32-239	1			2-122	RF
UT1519		5-93	1			16-51	1
		5-93A	1			32-257	1
		5-94	1			32-257	1
		5-94A	1	08051A160JAT050		32-207	1
		26-62	2			34-125	1
		26-62A	2			34-125	1
		31-285	2			32-247	8
U18-3112		20-6E	1			32-247	8
		34-131	2	08055A101JAT050		32-243	2
U8		32-97	2			32-243	2
		34-45	2			32-251	1
VJ0805A200JXBM		32-257	1			32-251	1
V0R		6-173A	1			32-245	2
		11-39A	1	08055A270JAT050		32-245	2
V0R55-55		6-173	1			3-275C	1
		6-173A	1			3B-223	1
		11-39	1			3-275C	1
		11-39A	1			3B-223	1
		11A-39	1	09606		5-301	1
		11A-39A	1			5-301	1
V0R5555		6-173	1			13-17	1
		6-173A	1			13-17	1
		11-39	1			24-56	1
		11-39A	1			24-56	1
		11A-39	1			24A-57	1
		11A-39A	1			24A-57	1
V146XR1225		14-38	1			26-105	1
		14-38A	1			26-105	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
09606		28-22	1	1N4454		3-20	1
		28-22	1			3-20A	1
		31-219	1			3-20A	1
		31-219	1			3-25	1
1-102386-6		25-52	1			3-25A	1
1-102645-8		11A-81A	1			3-25A	1
		15-9A	1			3-52	1
		28-33A	1			3-52A	1
1-103167-7		3-34	1			3-52A	1
		3-313	1			3-94	1
		3B-71	1			3-94A	1
		17-2	1			3-94A	1
		32-109	1			3-137	1
1-103169-8		4-9	1			3-137A	1
		4B-95	1			3-137A	1
1J		34-113	1			3-138	1
1N3030B		14-27	1			3-138A	1
1N4005		5-69A	1			3-138A	1
		7-12A	1			3-180	1
		7-20A	1			3-180A	1
		10-69A	1			3-180A	1
		10-70A	1			3-189	1
		26-148A	1			3-189A	1
		31-287	1			3-189A	1
1N4005GP		5-69	1			3-321	1
		5-69A	1			3-321	1
		5-69A	1			3B-67	10
		7-12	1			3B-67	10
		7-12A	1			4-22	1
		7-12A	1			4-22A	1
		7-20	1			4-22A	1
		7-20A	1			4-23A	1
		7-20A	1			4-23B	1
		10-69	1			4-23B	1
		10-69A	1			4-32	1
		10-69A	1			4-32	1
		10-70	1			4-35	1
		10-70A	1			4-35	1
		10-70A	1			4-133	1
		26-148	1			4-133A	1
		26-148A	1			4-133A	1
		26-148A	1			4B-45	3
		31-287	1			4B-45	3
1N4104		31-287	1			5-60	1
		13-39	1			5-60A	1
		13-39	1			5-60A	1
		24-48	1			5-61	1
		24-48	1			5-61A	1
		24A-47	1			5-61A	1
		24A-47	1			5-66	1
		28-17	1			5-66A	1
		28-17	1			5-66A	1
1N4106		26-193	2			5-73A	1
		26-193	2			5-73B	1
1N4109		3-264	1			5-73B	1
		3-264	1			5-74	1
		3B-65	1			5-74A	1
		3B-65	1			5-74A	1
1N4454		3-10	1			5-74D	1
		3-10A	1			5-74E	1
		3-10A	1			5-74E	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454		5-102	1	1N4454		7-19A	1
		5-102A	1			7-50	1
		5-102A	1			7-50A	1
		5-107	1			7-50A	1
		5-107A	1			8-18	1
		5-107A	1			8-18A	1
		6-2	1			8-18A	1
		6-2A	1			8A-18	1
		6-2A	1			8A-18A	1
		6-6	1			8A-18A	1
		6-6A	1			8B-19	1
		6-6A	1			8B-19A	1
		6-8	1			8B-19A	1
		6-8A	1			9-12	1
		6-8A	1			9-12A	1
		6-10	1			9-12A	1
		6-10A	1			9-13	1
		6-10A	1			9-13A	1
		6-13	1			9-13A	1
		6-13A	1			9-14	1
		6-13A	1			9-14A	1
		6-24	1			9-14A	1
		6-24A	1			9-15	1
		6-24A	1			9-15A	1
		6-28	1			9-15A	1
		6-28A	1			9-23	1
		6-28A	1			9-23A	1
		6-48	1			9-23A	1
		6-48	1			9-24	1
		6-49	1			9-24A	1
		6-49	1			9-24A	1
		6-54	1			9-26	1
		6-54A	1			9-26A	1
		6-54A	1			9-26A	1
		6-55	1			9-34	1
		6-55	1			9-34A	1
		6-56	1			9-34A	1
		6-56A	1			9A-33	8
		6-56A	1			9A-33	8
		6-57	1			10-12A	1
		6-57	1			10-12A	1
		6-57A	1			10-26B	1
		6-57B	1			10-26C	1
		6-57B	1			10-26C	1
		6-59	1			10-26D	1
		6-59A	1			10-26E	1
		6-59A	1			10-26E	1
		7-2	1			10-26G	1
		7-2A	1			10-26H	1
		7-2A	1			10-26H	1
		7-4	1			10-26J	1
		7-4A	1			10-26K	1
		7-4A	1			10-26K	1
		7-5	1			10-33	1
		7-5A	1			10-33A	1
		7-5A	1			10-33A	1
		7-10	1			10-34	1
		7-10A	1			10-34A	1
		7-10A	1			10-34A	1
		7-19	1			10-41	1
		7-19A	1			10-41A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454		10-41A	1	1N4454		11A-5A	1
		10-42	1			11A-5A	1
		10-42A	1			11A-7	1
		10-42A	1			11A-7A	1
		10-67	1			11A-7A	1
		10-67A	1			11A-22	1
		10-67A	1			11A-22A	1
		10-71	1			11A-22A	1
		10-71A	1			11A-23	1
		10-71A	1			11A-23A	1
		10-73	1			11A-23A	1
		10-73A	1			11A-29	1
		10-73A	1			11A-29A	1
		11-5	1			11A-29A	1
		11-5A	1			11A-30	1
		11-5A	1			11A-30A	1
		11-7	1			11A-30A	1
		11-7A	1			11A-49	1
		11-7A	1			11A-49A	1
		11-22	1			11A-49A	1
		11-22A	1			11A-50	1
		11-22A	1			11A-50A	1
		11-23	1			11A-50A	1
		11-23A	1			11A-75	1
		11-23A	1			11A-75A	1
		11-29	1			11A-75A	1
		11-29A	1			11A-77	1
		11-29A	1			11A-77A	1
		11-30	1			11A-77A	1
		11-30A	1			11A-101	1
		11-30A	1			11A-101A	1
		11-49	1			11A-101A	1
		11-49A	1			11A-104	1
		11-49A	1			11A-104A	1
		11-50	1			11A-104A	1
		11-50A	1			11A-148	1
		11-50A	1			11A-148A	1
		11-75	1			11A-148A	1
		11-75A	1			11A-149	1
		11-75A	1			11A-149A	1
		11-77	1			11A-149A	1
		11-77A	1			11A-175	1
		11-77A	1			11A-175A	1
		11-101	1			11A-175A	1
		11-101A	1			16-2	1
		11-101A	1			16-2A	1
		11-103	1			16-2A	1
		11-104	1			16-13	1
		11-104A	1			16-13A	1
		11-104A	1			16-13A	1
		11-105	1			16-14	1
		11-148	1			16-14A	1
		11-148A	1			16-14A	1
		11-148A	1			16-14C	1
		11-149	1			16-14D	1
		11-149A	1			16-14D	1
		11-149A	1			16-16	1
		11-175	1			16-16A	1
		11-175A	1			16-16A	1
		11-175A	1			16-17	1
		11A-5	1			16-17A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454		16-17A	1	1N4454		24-33A	1
		16-20	1			24-33A	1
		16-20A	1			24-34	1
		16-20A	1			24-34A	1
		16-21	1			24-34A	1
		16-21A	1			24-57	1
		16-21A	1			24-57A	1
		16-22	1			24-57A	1
		16-22A	1			24-61	1
		16-22A	1			24-61A	1
		16-23	1			24-61A	1
		16-23A	1			24-62	1
		16-23A	1			24-62A	1
		16-24	1			24-62A	1
		16-24A	1			24-66	1
		16-24A	1			24-66A	1
		16-36	1			24-66A	1
		16-36A	1			24-67	1
		16-36A	1			24-67A	1
		16-59	1			24-67A	1
		16-59A	1			24-68	1
		16-59A	1			24-68A	1
		16-60	1			24-68A	1
		16-60A	1			24A-3	1
		16-60A	1			24A-3A	1
		16-62	1			24A-3A	1
		16-62A	1			24A-19	1
		16-62A	1			24A-19A	1
		16-63	1			24A-19A	1
		16-63A	1			24A-20	1
		16-63A	1			24A-20A	1
		16-64	1			24A-20A	1
		16-64A	1			24A-34	1
		16-64A	1			24A-34A	1
		16-65	1			24A-34A	1
		16-65A	1			24A-35	1
		16-65A	1			24A-35A	1
		16-66	1			24A-35A	1
		16-66A	1			24A-54	1
		16-66A	1			24A-54A	1
		18-27	1			24A-54A	1
		18-27	1			24A-58	1
		20-24	1			24A-58A	1
		20-24A	1			24A-58A	1
		20-24A	1			24A-59	1
		21-14	1			24A-59A	1
		21-14A	1			24A-59A	1
		21-14A	1			24A-60	1
		24-3	1			24A-60A	1
		24-3A	1			24A-60A	1
		24-3A	1			24A-66	1
		24-7	1			24A-66A	1
		24-7A	1			24A-66A	1
		24-7A	1			24A-67	1
		24-18	1			24A-67A	1
		24-18A	1			24A-67A	1
		24-18A	1			24A-68	1
		24-20	1			24A-68A	1
		24-20A	1			24A-68A	1
		24-20A	1			25-8	1
		24-33	1			25-8A	1

51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454		25-8A	1	1N4454-1		4-23A	1
		25-9	1			4-23B	1
		25-9A	1			4-23B	1
		25-9A	1			4-32	1
		25-10	1			4-32	1
		25-10A	1			4-35	1
		25-10A	1			4-35	1
		25-11	1			4-133	1
		25-11A	1			4-133A	1
		25-11A	1			4-133A	1
		25-23	1			4B-45	3
		25-23A	1			4B-45	3
		25-23A	1			5-60	1
		25-30	1			5-60A	1
		25-30A	1			5-60A	1
		25-30A	1			5-61	1
		26-35	8			5-61A	1
		26-35A	8			5-61A	1
		26-35A	8			5-66	1
		27-5	1			5-66A	1
		27-5A	1			5-66A	1
		27-5A	1			5-73A	1
		28-10	12			5-73B	1
		28-10A	12			5-73B	1
		28-10A	12			5-74	1
		31-283	8			5-74A	1
		31-283	8			5-74A	1
		3-10	1			5-74D	1
		3-10A	1			5-74E	1
		3-10A	1			5-74E	1
		3-20	1			5-102	1
		3-20A	1			5-102A	1
		3-20A	1			5-102A	1
		3-25	1			5-107	1
		3-25A	1			5-107A	1
		3-25A	1			5-107A	1
		3-52	1			6-2	1
		3-52A	1			6-2A	1
		3-52A	1			6-2A	1
		3-94	1			6-6	1
		3-94A	1			6-6A	1
		3-94A	1			6-6A	1
		3-137	1			6-8	1
		3-137A	1			6-8A	1
		3-137A	1			6-8A	1
		3-138	1			6-10	1
		3-138A	1			6-10A	1
		3-138A	1			6-10A	1
		3-180	1			6-13	1
		3-180A	1			6-13A	1
		3-180A	1			6-13A	1
		3-189	1			6-24	1
		3-189A	1			6-24A	1
		3-189A	1			6-24A	1
		3-321	1			6-28	1
		3-321	1			6-28A	1
		3B-67	10			6-28A	1
		3B-67	10			6-48	1
		4-22	1			6-48	1
		4-22A	1			6-49	1
		4-22A	1			6-49	1
1N4454-1							
							</

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454-1		6-54	1	1N4454-1		9-26	1
		6-54A	1			9-26A	1
		6-54A	1			9-26A	1
		6-55	1			9-34	1
		6-55	1			9-34A	1
		6-56	1			9-34A	1
		6-56A	1			9A-33	8
		6-56A	1			9A-33	8
		6-57	1			10-12A	1
		6-57	1			10-12A	1
		6-57A	1			10-26B	1
		6-57B	1			10-26C	1
		6-57B	1			10-26C	1
		6-59	1			10-26D	1
		6-59A	1			10-26E	1
		6-59A	1			10-26E	1
		7-2	1			10-26G	1
		7-2A	1			10-26H	1
		7-2A	1			10-26H	1
		7-4	1			10-26J	1
		7-4A	1			10-26K	1
		7-4A	1			10-26K	1
		7-5	1			10-33	1
		7-5A	1			10-33A	1
		7-5A	1			10-33A	1
		7-10	1			10-34	1
		7-10A	1			10-34A	1
		7-10A	1			10-34A	1
		7-19	1			10-41	1
		7-19A	1			10-41A	1
		7-19A	1			10-41A	1
		7-50	1			10-42	1
		7-50A	1			10-42A	1
		7-50A	1			10-42A	1
		8-18	1			10-67	1
		8-18A	1			10-67A	1
		8-18A	1			10-67A	1
		8A-18	1			10-71	1
		8A-18A	1			10-71A	1
		8A-18A	1			10-71A	1
		8B-19	1			10-73	1
		8B-19A	1			10-73A	1
		8B-19A	1			10-73A	1
		9-12	1			11-5	1
		9-12A	1			11-5A	1
		9-12A	1			11-5A	1
		9-13	1			11-7	1
		9-13A	1			11-7A	1
		9-13A	1			11-7A	1
		9-14	1			11-22	1
		9-14A	1			11-22A	1
		9-14A	1			11-22A	1
		9-15	1			11-23	1
		9-15A	1			11-23A	1
		9-15A	1			11-23A	1
		9-23	1			11-29	1
		9-23A	1			11-29A	1
		9-23A	1			11-29A	1
		9-24	1			11-30	1
		9-24A	1			11-30A	1
		9-24A	1			11-30A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454-1		11-49	1	1N4454-1		11A-101A	1
		11-49A	1			11A-104	1
		11-49A	1			11A-104A	1
		11-50	1			11A-104A	1
		11-50A	1			11A-148	1
		11-50A	1			11A-148A	1
		11-75	1			11A-148A	1
		11-75A	1			11A-149	1
		11-75A	1			11A-149A	1
		11-77	1			11A-149A	1
		11-77A	1			11A-175	1
		11-77A	1			11A-175A	1
		11-101	1			11A-175A	1
		11-101A	1			16-2	1
		11-101A	1			16-2A	1
		11-103	1			16-2A	1
		11-104	1			16-13	1
		11-104A	1			16-13A	1
		11-104A	1			16-13A	1
		11-105	1			16-14	1
		11-148	1			16-14A	1
		11-148A	1			16-14A	1
		11-148A	1			16-14C	1
		11-149	1			16-14D	1
		11-149A	1			16-14D	1
		11-149A	1			16-16	1
		11-175	1			16-16A	1
		11-175A	1			16-16A	1
		11-175A	1			16-17	1
		11A-5	1			16-17A	1
		11A-5A	1			16-17A	1
		11A-5A	1			16-20	1
		11A-7	1			16-20A	1
		11A-7A	1			16-20A	1
		11A-7A	1			16-21	1
		11A-22	1			16-21A	1
		11A-22A	1			16-21A	1
		11A-22A	1			16-22	1
		11A-23	1			16-22A	1
		11A-23A	1			16-22A	1
		11A-23A	1			16-23	1
		11A-29	1			16-23A	1
		11A-29A	1			16-23A	1
		11A-29A	1			16-24	1
		11A-30	1			16-24A	1
		11A-30A	1			16-24A	1
		11A-30A	1			16-36	1
		11A-49	1			16-36A	1
		11A-49A	1			16-36A	1
		11A-49A	1			16-59	1
		11A-50	1			16-59A	1
		11A-50A	1			16-59A	1
		11A-50A	1			16-60	1
		11A-75	1			16-60A	1
		11A-75A	1			16-60A	1
		11A-75A	1			16-62	1
		11A-77	1			16-62A	1
		11A-77A	1			16-62A	1
		11A-77A	1			16-63	1
		11A-101	1			16-63A	1
		11A-101A	1			16-63A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4454-1		16-64	1	1N4454-1		24A-20A	1
		16-64A	1			24A-34	1
		16-64A	1			24A-34A	1
		16-65	1			24A-34A	1
		16-65A	1			24A-35	1
		16-65A	1			24A-35A	1
		16-66	1			24A-35A	1
		16-66A	1			24A-54	1
		16-66A	1			24A-54A	1
		18-27	1			24A-54A	1
		18-27	1			24A-58	1
		20-24	1			24A-58A	1
		20-24A	1			24A-58A	1
		20-24A	1			24A-59	1
		21-14	1			24A-59A	1
		21-14A	1			24A-59A	1
		21-14A	1			24A-60	1
		24-3	1			24A-60A	1
		24-3A	1			24A-60A	1
		24-3A	1			24A-66	1
		24-7	1			24A-66A	1
		24-7A	1			24A-66A	1
		24-7A	1			24A-67	1
		24-18	1			24A-67A	1
		24-18A	1			24A-67A	1
		24-18A	1			24A-68	1
		24-20	1			24A-68A	1
		24-20A	1			24A-68A	1
		24-20A	1			25-8	1
		24-33	1			25-8A	1
		24-33A	1			25-8A	1
		24-33A	1			25-9	1
		24-34	1			25-9A	1
		24-34A	1			25-9A	1
		24-34A	1			25-10	1
		24-57	1			25-10A	1
		24-57A	1			25-10A	1
		24-57A	1			25-11	1
		24-61	1			25-11A	1
		24-61A	1			25-11A	1
		24-61A	1			25-23	1
		24-62	1			25-23A	1
		24-62A	1			25-23A	1
		24-62A	1			25-30	1
		24-66	1			25-30A	1
		24-66A	1			25-30A	1
		24-66A	1			26-35	8
		24-67	1			26-35A	8
		24-67A	1			26-35A	8
		24-67A	1			27-5	1
		24-68	1			27-5A	1
		24-68A	1			27-5A	1
		24-68A	1			28-10	12
		24A-3	1			28-10A	12
		24A-3A	1			28-10A	12
		24A-3A	1			31-283	8
		24A-19	1			31-283	8
		24A-19A	1	1N4624		3-21	1
		24A-19A	1			3-21	1
		24A-20	1			3B-66	1
		24A-20A	1			3B-66	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
1N4625		20-77	1	1N758A		31-279	1
		20-77	1			31-279	1
		21-21	1			31-279	1
		21-21	1		1N962B	3-100	1
		24-35	1		1N973B	5-286	1
1N5141A		24-35	1			5-286	1
		3-250	1			26-97	1
		3-250	1			26-97	1
		3-257	1			31-281	1
		3-257	1			31-281	1
		3-267	1	1N973B1		5-286	1
		3-267	1			5-286	1
		3-274	1			5-286	1
		3-274	1			26-97	1
		3B-231	4			26-97	1
1N5553		3B-231	4			26-97	1
		5-93A	1			31-281	1
		5-93A	1			31-281	1
		5-94A	1			31-281	1
		5-94A	1	1P		32-97	2
		26-62A	2			34-45	2
		26-62A	2	100-200-5-10		5-274	2
1N5614		31-285	2			14-24	1
		31-285	2			14-35	1
		5-30	1			26-163	2
		5-30	1			31-141	2
		5-30	1	1006		34-109	1
		5-37	1	101AHM		16-27	1
		5-37	1			16-29	1
		5-37	1			16-56	1
		26-124	2			16-58	1
		26-124	2	10167-100K		9-38A	1
1N5711		26-124	2			9-43A	1
		31-289	2			11A-133A	1
		31-289	2			16-52A	1
		31-289	2			16-54A	1
		4-32A	1			26-49	1
		4-35A	1			26-49A	1
		4B-23	2	1025-28K		3-219	1
1N5767		3-273A	1			3-237	1
		3-273A	1			3-241	1
		3-273B	1			3-292	1
		3-273B	1			3B-33	4
		3-275	1			4-73	1
		3-275	1			4-88	1
		3-339	1			4-115	1
		3-339	1			4B-65	3
		3B-233	3			19-3	1
		3B-233	3	102645-3		23-3	1
1N758A		4B-181	1			32-81	1
		4B-181	1			10-52B	1
		19-15	1			13-44A	1
		19-15	1			11A-81A	1
		23-14	1			15-9A	1
		23-14	1			28-33A	1
		5-304	1	102645-5		6-43B	1
		5-304	1			20-87	1
		5-304	1			21-66	1
		26-57	1			34-21	1
		26-57	1	11C90DM		4-9	1
		26-57	1			4B-95	1
		26-57	1	111357-9			
		26-57	1				

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
11426-001		5-76	1	14053BBEAJC		8A-64A	1
		26-159	1			8B-70A	1
		31-249	1			10-20A	1
12065C102KATBA		34-97	11			10-45A	1
12065C102KAT050		34-97	11			11-10A	1
		34-97	11			11-139A	1
12065C103KATBA		32-203	18			11A-10A	1
		34-99	17			11A-139A	1
12065C103KAT050		32-203	18			26-50A	2
		32-203	18			27-33A	1
		34-99	17			31-263	2
		34-99	17	14071BBCAJC		5-292A	1
12105C104KATBA		32-205	16			8B-48A	1
		34-101	6			26-107A	1
12105C104KAT050		32-205	16			27-14A	1
		34-101	6	14081BBCAJC		6-165	1
12105V104KAT050		32-205	16			8-37	1
		34-101	6			8A-37	1
12337		5-266	1			8B-56	1
		26-140	1			10-14	1
		31-23	1			11-119	1
12514BEA		20-88	1			11A-119	1
		20-88A	1			13-28	1
		21-62	1			25-19	1
		21-62A	1			27-21	1
		34-23	1	144-845-0		29-9	2
12514BEAJC		20-88	1	144-847-0		30-15	1
		20-88A	1	144-848-0		30-17	1
		20-88B	1	14508BBJXJC		5-310	1
		21-62	1			5-311	1
		21-62A	1			5-312	1
		21-62B	1			26-29	3
		34-23	1			31-255	3
1316BX103		26-49	1	14572ABEAJC		3-103	1
		26-49A	1			3B-51	1
139-2336-000		5-274	RF	1495B		4B-173	1
		14-24	RF	150-0856-030		2-11F	RF
		14-35	RF	150D225X9035B2		14-40	1
		26-163	RF	150D473X0035A2		14-2	1
		31-141	RF			14-2A	1
139J		6-138A	1			14-28	1
		6-145A	1			14-28A	1
		24-63	1			14-29	1
		24A-63	1			14-29A	1
		25-26	1			14-33	1
		25-38	1			14-33A	1
		28-23	1	151D115X9020W2		14-5	1
14022BCAJC		6-150A	1	1536U		31-231	2
		8-33A	1	16-21C223-503		16-3	1
		8A-33A	1			16-3A	1
14023ABCAJC		20-91	1			16-18	1
14046BBEAJC		6-142D	1			16-18A	1
		6-144	1	16154C5		4B-165	2
		11-62	1	16236B		3-363	1
		11-91	1	167		5-272	1
		11A-91	1			5-272	1
14053BBEAJC		5-246A	1			5-273	1
		5-306A	1			5-273	1
		6-172	1			26-162	2
		7-31A	1			26-162	2
		8-64A	1			31-139	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
167		31-139	2	184-6329-300		31-197	RF
17665		5-51	1	184-7393-000		14-2	RF
		26-135	1			14-2A	RF
		31-155	1			14-28	RF
18085A102JATBA		32-249	26			14-28A	RF
		35-13	2			14-29	RF
		36-15	2			14-29A	RF
18085A102JAT060		32-249	26			14-33	RF
		35-13	2			14-33A	RF
		36-15	2	184-7704-000		14-40	RF
18085A122JATBA		32-253	4	184-8363-000		14-5	RF
18085A122JAT060		32-253	4	184-9086-020		6-4	RF
18085A331JATBA		34-127	1			6-18	RF
18085A331JAT060		34-127	1			6-19	RF
18085A391JATBA		34-129	1			11-13	RF
18085A391JAT060		34-129	1			11-67	RF
18085C104MATBA		29-13	2			11-69	RF
		30-23	2			11A-13	RF
18085C104MAT060		29-13	2			11A-67	RF
		30-23	2			11A-69	RF
1812-102K		32-227	4	184-9086-040		3-28	RF
1812-103K		32-233	2			3-181	RF
		34-121	1			3B-17	RF
1812-104K		34-123	4			4-21	RF
1812-221K		32-225	1			4B-109	RF
		34-117	1			7-9	RF
1812-222K		32-229	1			10-43	RF
1812-332K		34-119	2	184-9086-060		7-25	RF
1812-820K		32-235	4			10-36	RF
1812-822K		32-231	1			10-62A	RF
1812-824K		32-235	4			19-12	RF
18125A562JATBA		32-255	1			23-12	RF
18125A562JAT080		32-255	1	184-9086-140		5-18	RF
18125C334KATBA		34-103	2			6-3	RF
18125C334KAT050		34-103	2			11-4	RF
18125C334KAT060		34-103	2			11-9	RF
18255C474KATBA		34-105	1			11A-4	RF
18255C474KATBN		34-105	1			11A-9	RF
18255C474KAT050		34-105	1			13-33	RF
		34-105	1			20-39	RF
18255C474KAT9A		34-105	1			21-49	RF
183-1277-010		5-88	RF			26-110	RF
		5-97	RF			31-199	RF
		26-30	RF	184-9086-170		3-33	RF
		31-189	RF			3-33A	RF
183-1277-290		5-62	RF			3-35	RF
		26-167	RF			3-36B	RF
		31-191	RF			3B-19	RF
183-1277-350		5-49	RF			4-6	RF
		26-141	RF			4B-85	RF
		31-193	RF			6-22	RF
184-2551-140		29-3	RF			6-39	RF
		30-3	RF			6-51	RF
184-5102-220		5-63	RF			6-179	RF
		26-142	RF			8-11	RF
		31-195	RF			8A-11	RF
184-6329-170		7-23	RF			8B-10	RF
		10-60	RF			10-61	RF
184-6329-300		5-2	RF			11-48	RF
		5-50	RF			11-83	RF
		26-2	RF			11-84	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
184-9086-170		11-85	RF	184-9086-310		3-36A	RF
		11-86	RF			3-128	RF
		11-87	RF			3B-23	RF
		11-93	RF			4-5	RF
		11A-48	RF			4-7	RF
		11A-83	RF			4-20	RF
		11A-87	RF			4B-3	RF
		11A-93	RF			6-7	RF
		12-8	RF			6-15	RF
		27-37	RF			6-42	RF
184-9086-250		5-103	RF			6-45	RF
		5-106	RF			6-52	RF
		26-32	RF			7-33	RF
		31-201	RF			7-35	RF
184-9086-280		3-8	RF			7-38	RF
		3-19	RF			7-41	RF
		3-63	RF			8-2	RF
		3-67	RF			8-17	RF
		3-79	RF			8A-2	RF
		3-136	RF			8A-17	RF
		3-140	RF			8B-2	RF
		3-145	RF			8B-18	RF
		3-154	RF			9-2	RF
		3-155	RF			9-18	RF
		3-161	RF			9-22	RF
		3-164	RF			9-39	RF
		3-178	RF			9-40	RF
		3-179	RF			9-47	RF
		3-182	RF			9A-39	RF
		3-186	RF			10-13	RF
		3-187	RF			10-55	RF
		3-188	RF			10-56	RF
		3-202	RF			10-57	RF
		3-204	RF			10-58	RF
		3-205	RF			10-63	RF
		3B-21	RF			15-12	RF
		4-25	RF			19-12A	RF
		4-29	RF			21-22	RF
		4-30	RF			23-12A	RF
		4-37	RF			24-16	RF
		4-97	RF			24-19	RF
		4-99	RF			24A-17	RF
		4-100	RF			24A-21	RF
		4-101	RF			27-4	RF
		4-102	RF			28-9	RF
		4-120	RF			20-27	RF
		4-125	RF			20-42	RF
		4-137	RF			184-9086-350	21-47
		4-138	RF			184-9086-400	5-24
		4B-7	RF				5-25
		11-150	RF				5-26
		11A-150	RF				5-27
184-9086-290		5-64	RF				5-29
		5-65	RF				26-85
		5-68	RF				26-197
		5-72	RF				31-205
		5-77	RF			184-9086-430	3-97
		26-94	RF				3B-25
		31-203	RF				20-27A
184-9086-310		3-31	RF				21-22A
		3-36	RF			184-9086-460	20-29

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
184-9086-490		3-32	RF	2-435668-5		8A-31	1
		5-77A	RF			11-174	1
		5-96	RF			11-174A	1
		11-84A	RF			11A-174	1
		11-85A	RF	2-435668-8		7-43	1
		11-86A	RF			10-50	1
		11A-84	RF	2-435668-9		5-289	1
		11A-85	RF	2-641262-1		5-326	1
		11A-86	RF			5-337	1
		26-58	RF			6-187	2
		26-197A	RF			11A-179	1
		31-207	RF	2-641263-1		5-334	1
184-9086-510		4B-107	RF	2-641266-1		5-328	1
184-9086-520		3-31A	RF			5-330	1
		3-33B	RF			5-331	1
		3B-27	RF			5-332	1
184-9086-550		31-471	RF			24-41	1
184-9086-590		5-73	RF			24A-39	1
		26-160	RF	2-641268-1		13-8	1
		31-209	RF			24-45	1
184-9086-640		16-14B	RF			24A-44	1
		21-9	RF	2-641268-2		5-291	1
184-9086-650		11-163	RF	2B		32-99	4
		11A-163	RF	2C20Z5U105M050B		5-57A	1
184-9086-660		3-32A	RF			5-59A	1
		3B-29	RF			5-74F	1
		5-40	RF			11-129B	1
		26-172	RF			11A-129A	1
		31-211	RF			26-166A	3
184-9086-670		20-26	RF			31-433	3
		20-43	RF	2N2219A		14-21	1
		21-10	RF			14-21	1
		21-36	RF			14-21	1
184-9086-720		5-39	RF			14-30	1
		26-170	RF			14-30	1
		31-213	RF			14-30	1
184-9087-070		25-34	RF			14-31	1
		25-35	RF			14-31	1
184-9087-430		5-50A	RF			14-31	1
		5-104	RF			14-32	1
		5-105	RF			14-32	1
		25-16	RF			14-32	1
		25-21	RF			20-82	1
		25-24	RF			20-82	1
		25-41	RF			20-82	1
		25-43	RF			21-20	1
		26-26	RF			21-20	1
		31-215	RF			21-20	1
195D476X0010Z1		29-3	2	2N2222A		3-353	1
		30-3	2			3-353	1
195D476X0010Z2		29-3	2			3-353	1
		30-3	2			3B-55	1
199901-1003FB		9-38A	1			3B-55	1
		9-43A	1			3B-55	1
		11A-133A	1			4B-183	1
		16-52A	1			4B-183	1
		16-54A	1			4B-183	1
2-103167-7		17-3	1			5-28	1
2-103169-3		5-101	1			5-28	1
		26-185	1			5-28	1
		31-295	1			9A-41	3

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
2N2222A		12-17	1	2N2907A		26-90	1
		12-17	1			31-273	1
		12-17	1			31-273	1
		12-21	1			31-273	1
		12-21	1	2N3700		9A-41A	3
		12-21	1			9A-41A	3
		25-13	1			16-38	1
		25-13	1			16-38	1
		25-13	1			16-39	1
		25-15	1			16-39	1
		25-15	1	2N3700S		9A-41A	3
		25-15	1			16-38	1
		25-20A	1			16-39	1
		25-20A	1	2N4220		3-83	1
		25-20A	1			3-83	1
		26-88	1			3-117	1
		26-88	1			3-119	1
		26-88	1			3B-57	1
		31-277	1			3B-57	1
		31-277	1	2N4416		3-117A	1
		31-277	1			3-117A	1
2N2369A		18-7A	1			3-119A	1
		18-7A	1			3-119A	1
		18-7A	1	2N4920		5-79	1
		20-74	1			26-151	1
		20-74	1			31-129	1
		20-74	1	2N4923		5-78	1
		21-17	1			5-78	1
		21-17	1			5-78	1
2N2608		21-17	1			26-128	1
		5-109	1			26-128	1
		5-109	1			26-128	1
		10-68	1			31-80	1
		10-68	1			31-80	1
		26-16	1			31-80	1
		26-16	1	2N5179		18-7	1
		31-275	1			18-7	1
2N2907A		31-275	1			21-3	1
		5-48	1			21-3	1
		5-48	1			21-3A	1
		5-48	1			21-3A	1
		12-16	1	2N5194		7-13	1
		12-16	1			7-14	1
		12-16	1			10-2	1
		12-18	1			10-3	1
		12-18	1	2N918		18-5	1
		12-18	1			18-5	1
		25-12	1			18-5	1
		25-12	1			19-4	1
		25-12	1			19-4	1
		25-14	1			19-4	1
		25-14	1			20-52	1
		25-14	1			20-52	1
		25-18	1			20-52	1
		25-18	1			20-83	1
		25-18	1			20-83	1
		25-20	1			20-83	1
		25-20	1			22-6	1
		25-20	1			22-6	1
		26-90	1			22-6	1
		26-90	1			23-4	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
2N918		23-4	1	22255C105KATBA		30-19	2
		23-4		22255C105KATBN		30-19	2
2Q59		3-235	1	22255C105KAT050		30-19	2
		3B-41	1	22255C105KAT9A		30-19	2
		32-85	1	229-1002-000590		3-363	1
2Q82		4-72	1	240-0957-030		4-90	RF
		4B-69	1			4B-89	RF
2SC3357		32-91	1			21-73	RF
200-100NP0-101J		3-113C	1			23-25	RF
		3-114C	1	240-1581-000		20-34	RF
		3B-211	2			21-70	RF
		18-15A	1	240-1594-000		20-3	RF
		18-16A	1			21-46	RF
200-100NP0-102J		4B-179	1	240-2013-000		3-224	RF
		4B-179	1			3-335	RF
		26-14A	1			3B-31	RF
		31-435	1			21-74	RF
200-100NP0-391K		6-14C	1	240-2014-000		19-27	RF
		11A-25A	1	240-2015-000		20-33	RF
		11A-59A	1	240-2020-000		23-21	RF
		20-4A	1	240-2021-000		19-22	RF
200-1127-030		5-327	2	240-2023-000		32-79	RF
		5-338	2	240-2027-000		3-219	RF
200-1127-050		5-329	8			3-237	RF
200-1127-070		5-333	2			3-241	RF
200-1127-090		5-335	1			3-292	RF
201185-08		25-52	1			3B-33	RF
2015-03		26-83B	1			4-73	RF
		31-31	1			4-88	RF
		31-45	1			4-115	RF
205738-5		16-6A	1			4B-65	RF
21-030F		3-369	11			19-3	RF
		3B-241	11			23-3	RF
		4B-161	1			32-81	RF
220-0067-110		5-291A	RF	240-2028-000		18-20	RF
		26-181	RF			22-10	RF
		31-217	RF	240-2029-000		18-21	RF
220-0075-030		5-326	RF			22-13	RF
		5-337	RF	240-2031-000		35-9	RF
		6-187	RF			36-3	RF
		11A-179	RF	240-2033-000		20-16	RF
220-0075-050		5-328	RF	240-2035-000		20-16A	RF
		5-330	RF	240-2047-000		20-28	RF
		5-331	RF			21-8	RF
		5-332	RF	240-2520-000		4-119	RF
		24-41	RF			4-124	RF
		24A-39	RF			4-136	RF
		28-26	RF			4B-43	RF
		28-27	RF	240-2553-000		3-144	RF
220-0075-070		13-8	RF			3-157	RF
		24-45	RF			3-167	RF
		24A-44	RF			3-201	RF
220-0075-090		5-334	RF			3B-35	RF
220-0075-150		5-291	RF	240-2715-390		4-36	RF
220-0076-010		6-173C	1			4B-25	RF
		7-7B	1	2500-54J		3-144	1
		9-99	56			3-157	1
		9A-107	56			3-167	1
		10-39B	28			3-201	1
		11-179	3			3B-35	4
		11A-40	1	26-5388-01		5-51	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
26-5388-01		26-135	1	280-2745-040		11A-177A	1
26R1-1		31-155	1			12-31	1
		2-86	4			13-48	1
		2-109	1			15-15	1
		2-122	3			18-25	1
260-2709-000		2-11A	RF			20-93	1
		2-11B	RF			21-79	1
		2-11C	RF			24-80	1
2600-1		2-28	2			24A-79	1
2600-3		2-25	2			25-53	1
266-0243-020		8-31	RF			27-48	1
266-0243-220		8A-31	RF			27-49	1
		11-174	RF			28-36	1
		11-174A	RF			34-15	1
		11A-174	RF	280-3778-010		2-98	1
266-0243-230		8B-34	RF			2-98B	1
		27-16	RF			2-98B	1
266-0243-240		7-43	RF	280-3778-100		3A-11	1
		10-50	RF			3A-11	1
266-0243-250		5-289	RF			3A-11	1
266-0243-260		5-289A	RF			19-29	1
		13-22	RF			19-29	1
		26-101	RF			19-29	1
266-0243-270		3-106	RF	288-0815-010		3-369	RF
		6-175	RF			3B-241	RF
		9-33	RF			4B-161	RF
		9-50	RF	288-2154-000		4B-159	RF
		12-2	RF	289-7128-060		22-12	RF
266-0243-450		3-106B	RF			22-12	1
		6-176	RF	289-7128-060M2		22-12	1
		9-33A	RF			22-12	1
		9-50B	RF	289-7193-060		23-2	RF
		12-2A	RF			23-2	1
266-0243-470		5-289C	RF	289-7193-060M20		23-2	1
		13-22A	RF	289-7193-070		19-2	RF
266-0243-490		11-181	RF			19-2	1
		11A-174B	RF	289-7193-070M20		19-2	1
266-0243-510		7-43B	RF	289-7193-090		18-19	RF
		10-50A	RF			18-19	1
266-0243-530		8-31B	RF	289-7193-090M20		18-19	1
		8A-31B	RF	289-7291-010		20-9	1
280-2745-010		3-298C	1			34-17	1
		3B-37	1	290-9606-000		5-301	RF
		4-46A	1			13-17	RF
		4-155	1			24-56	RF
		4A-9	1			24A-57	RF
		4B-15	1			26-105	RF
		11A-177	1			28-22	RF
		25-46	1			31-219	RF
		26-188	1	290-9606-000M21		5-301	1
		31-53	1			13-17	1
		32-83	1			24-56	1
		33-13	1			24A-57	1
280-2745-020		2-98A	1			26-105	1
280-2745-040		3-317	1			28-22	1
		6-178	1			31-219	1
		7-115	1	293-1313-010		4-72	RF
		9-100	1			4B-69	RF
		9A-3	1	293-1313-020		3-235	RF
		10-151	1			3B-41	RF
		11-177	1			32-85	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
293D106X9016C2T		34-95	2	300-100NP0-222J		11-34	1
293D156X9025D2T		32-193	3			11-34A	1
293D225X9020B2T		34-91	1			11-34A	1
293D226X9020D2T		32-195	2			11A-33	1
293D335X9016B2T		32-189	7			11A-33A	1
293D336X9016D2T		32-197	8			11A-33A	1
293D475X9010B2T		32-191	6			11A-34	1
		34-93	1			11A-34A	1
293D475X9025C2T		34-135	5			11A-34A	1
293D476X0016D2T		32-201	4	302-0640-100		26-209	RF
3-435640-6		8-31	1			26-209	1
3-435668-0		8B-34	1			31-67	RF
		27-16	1			31-67	1
3-435668-4		5-289A	1	302-4800-000		5-263A	2
		13-22	1			5-263B	2
		26-101	1			26-119	2
3B		34-43	1			26-119A	2
3K05BX100K		6-26	1			31-59	1
3N140		3-158	1			31-75	1
		3-158B	1	304-0014-000		4B-171	RF
		3-166	1			31-165	RF
		3-166B	1	304-0015-000		2-16	RF
		3-211	1			2-16A	RF
		3-211B	1			2-21	RF
		3-263	1			2-21A	RF
		3-263B	1			4B-78	RF
		4-77	1	304-0016-000		2-8	2
		4-126	1			2-8A	RF
		4-130	1			2-8A	2
3N141		3-222	1	304-0017-000		31-43	RF
		3-222A	1			31-43	1
		3-245	1	305-1172-000		2-96	RF
		3-245A	1	305-1362-000		2-120	RF
		4-64	1	305-1363-000		2-88	RF
		4-114	1			2-124	RF
3N187		3-150	1	305-1392-000		2-84	RF
		3B-63	1	305-1731-000		3-126	RF
		4-93	1			3-126	13
		4B-31	1	305-1755-000		5-275	RF
3SAV1271A2		16-37	1			5-275	2
		16-37A	1			14-25	RF
30YY2088		2-11A	1			14-25	1
		2-11B	1			14-36	RF
		2-11C	1			14-36	1
300-050Z5U105M		5-57A	1			26-164	RF
		5-59A	1			26-164	2
		5-74F	1			31-143	RF
		11-129B	1			31-143	2
		11A-129A	1	305-2083-010		3-132	RF
		26-166A	3			3-132	2
		31-433	3			3-148	RF
300-100NP0-152K		4B-177	1			3-148	4
300-100NP0-222J		6-11	1			3-229	RF
		6-11A	1			3-229	1
		6-11A	1			3-311	RF
		6-12	1			3-311	4
		6-12A	1			4-57	RF
		6-12A	1			4-57	4
		11-33	1			4-146	RF
		11-33A	1			4-146	4
		11-33A	1			4A-31	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
305-2083-010		4A-31	4	310-0279-000		4A-19	RF
306-0749-020		3-363	RF			4B-75	RF
306-0991-000		4B-165	RF			4B-137	RF
306-1104-000		4B-173	RF			8-4	RF
		4B-173	1			8A-4	RF
306-2222-100		4B-167	RF			8B-4	RF
306-2293-000		31-159	RF			12-4	RF
306-2474-010		3-316	RF			14-17	RF
		3-316A	RF			15-4	RF
		3-316A	3			16-9	RF
306-2690-010		2-127	RF			16-12	RF
306-2721-010		31-459	RF			24-70	RF
307-0003-030		5-341	RF			24-74	RF
		5-341A	RF			24A-70	RF
		5-341A	1			24A-74	RF
307-0006-010		2-32	RF			27-41	RF
		2-32	2			28-29	RF
		2-44	RF			31-173	RF
		2-44	1			32-41	RF
		2-50	RF			32-61	RF
		2-50	1			34-9	RF
307-1216-000		3-215	RF	310-0468-020		26-203	1
307-1306-010		3-361	RF			31-61	1
		4B-163	RF	310-0740-200		2-9	RF
307-1306-030		3-359	RF			5-6	RF
3080		3-273A	1			5-15	RF
		3-273B	1			5-17D	RF
		3-275	1			5-34	RF
		3-339	1			5-44	RF
		3B-233	3			5-55	RF
		4B-181	1			5-83	RF
		19-15	1			5-256	RF
		23-14	1			5-269	RF
310-0045-000		16-12A	2			5-280	RF
		16-12B	2			5-297	RF
310-0275-000		2-112	RF			5-322	RF
		3-302	RF			26-10	RF
		4-51	RF			26-74E	RF
		4-68	RF			26-82	RF
		4A-25	RF			26-130	RF
		4B-81	RF			26-138	RF
		4B-105	RF			26-140D	RF
		16-46	RF			26-154	RF
		31-163	RF			26-179	RF
		33-7	RF			26-184	RF
310-0278-000		6-32	5			31-17	RF
		7-86	4			31-29	RF
		9-4	5			31-49	RF
		9A-103	5			31-89	RF
		10-9	5			31-97	RF
		11-36	4			31-113	RF
		11A-36	4			31-123	RF
		13-14	4			31-135	RF
310-0279-000		2-10	RF			31-149	RF
		2-55	RF			31-183	RF
		3-38	RF	310-0740-320		26-138A	RF
		3-305	RF			31-151	RF
		3B-7	RF	310-0740-360		2-13A	RF
		4-14	RF			2-19A	RF
		4-54	RF	310-0779-030		26-205	RF
		4-151	RF			31-63	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
310-6320-000		3-298B	2	313-0132-000		26-80A	2
		3-298B	2			26-129	3
		3-303	3			26-129A	RF
		3-303	3			26-129A	3
		4-46	2			26-140A	2
		4-46	2			26-140B	RF
		4-50	3			26-140B	2
		4-50	3			26-152	1
		4-67	1			26-152A	RF
		4-67	1			26-152A	1
		4A-7	2			31-13	RF
		4A-7	2			31-13	8
		4A-27	3			31-25	RF
		4A-27	3			31-25	2
		4B-103	1			31-37	RF
		4B-103	1			31-37	2
		16-47	4			31-83	RF
		16-47	4			31-83	3
		33-9	3			31-131	RF
		33-9	3			31-131	1
310-6340-000		4-15	2	3132-3		4-90	1
		4-15A	2			4B-89	1
		4-15A	2			21-73	1
		4B-77	2			23-25	1
313-0037-000		4B-77	2	314A103		5-307	1
		2-111	RF			26-65	1
313-0132-000		2-5	4	314A563		31-223	1
		2-5A	RF			5-287	1
		2-5A	4	314B103		25-27	1
		5-4	2			10-17	1
		5-4A	RF	314B104		25-25	1
		5-4A	2			25-37	1
		5-13	2	314B473		13-23	1
		5-13A	RF			12-19	1
		5-13A	6	316A104		16-5	1
		5-32	1			5-249	1
		5-32A	RF	316A273		26-112	1
		5-32A	1			31-225	1
		5-42	1	317MDT		34-107	1
		5-42A	RF			11-137B	1
		5-42A	1	3292P1-102		7-112C	1
		5-80	2			8-50	1
		5-80A	RF	3292P1-103		8A-50	1
		5-80A	2			8B-57	1
		5-254	2			9-58C	1
		5-254A	RF			9-79C	1
		5-254A	2			10-112	1
		5-267	2			10-112D	1
		5-267A	RF			10-114C	1
		5-267A	2			10-117C	1
		7-15	2			11-141	1
		7-15A	RF	3292P1-202		7-51C	1
		7-15A	2			9-59C	1
		10-4	2			9-78C	1
		10-4A	RF			10-110C	1
		10-4A	2	3292P1-203		8-49	1
		26-8	8			8-54	1
		26-8A	RF			8A-49	1
		26-8A	8			8A-54	1
		26-80	2			8B-55	1
		26-80A	RF			8B-58	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
3292P1-501		7-52C	1	333-0837-000		3-312A	RF
		9-62C	1			3-312A	2
		9-77C	1			4-58	RF
		10-111C	1			4-58A	RF
3292P1-502		8-53	1			4-58A	2
		8A-53	1			4A-33	RF
3292P1-503		6-104	1			4A-33	2
		6-104A	1			33-17	RF
		8B-64	1			33-17	2
3292W1-103		3-84A	1	333-0839-000		2-39A	RF
3292W1-201		3-130C	1			2-39A	1
3292W1-502		3-62C	1			2-45A	RF
3292X1-102		5-148	1			2-45A	4
3292X1-201		5-148B	1			2-51A	RF
3292X1-500		5-148A	1			2-51A	3
330-1716-160		5-36	1			2-60A	RF
		5-36A	1			2-60A	2
		5-46	1			2-63A	RF
		5-46A	1			2-63A	2
		5-84	2			2-72	5
		5-84A	2			2-72A	RF
		26-133	3			2-72A	5
		26-133A	3			2-76	5
		26-155	1			2-76A	RF
		26-155A	1			2-76A	5
		31-91	3			2-80A	RF
		31-137	1			2-80A	2
330-1717-010		5-323	RF			5-282	4
		5-323A	RF			5-282A	RF
		31-99	RF			5-282A	4
3302PV		5-265A	1			5-299	5
		7-24A	1			5-299A	RF
		8B-11A	1			5-299A	5
		9-21A	1			5-324	18
		9A-55A	3			5-324A	RF
		10-29A	1			5-324A	18
		11-55A	1			31-101	RF
		11-158A	1			31-101	20
		11A-55A	1			31-115	RF
		11A-158A	1			31-115	2
		13-29A	1			31-125	RF
		26-168A	1			31-125	5
		27-36A	1	333-0841-000		2-85	RF
		31-235	1			2-85	4
333-0327-000		5-113	RF			2-121	RF
		5-125	RF			2-121	8
		5-134	RF	333-1455-020		2-39	1
		5-233	RF			2-45	4
		26-4	RF			2-51	3
333-0604-000		26-4A	RF			2-60	2
		31-5	RF			2-63	2
333-0605-000		2-13	RF	334-2737-010		2-91	RF
		2-13	2			2-103	RF
		2-19	RF	3386P1-102		20-73	1
		2-19	1			21-25	1
		2-54	RF	3386P1-103		3-18	1
		2-54	4			3-111	1
		2-115	RF			3B-83	2
		2-115	2			5-225	1
333-0832-000		2-80	RF			11-15	1
333-0837-000		3-312	RF			11-128	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
3386P1-103		11A-15	1	340-0694-000		8-5	4
		11A-128	1			8-5A	4
		26-13	1			8A-5	4
		31-451	1			8A-5A	4
3386P1-104		6-85	1			8B-5	4
		11-92	1			8B-5A	4
		11A-92	1			9-5	5
		6-86	1			9-5A	5
3386P1-202		11-31	1			9A-105	5
		11A-31	1			9A-105A	5
		3-107	1			10-10	5
		3-170	1			10-10A	5
3386P1-502		3-170A	1			11-37	4
		3B-81	1			11-37A	4
		5-163	1			11A-37	4
		26-149	1			11A-37A	4
3386P1-503		31-449	1			12-5	3
		6-84	1			12-5A	3
		11-17	1			13-15	4
		11-112	1			13-15A	4
340-0044-000		11A-17	1			14-18	1
		11A-112	1			14-18A	1
		3-39	RF			15-5	4
		3-39A	RF			15-5A	4
340-0644-000		3-306	RF			24-71	3
		4-53	RF			24-71A	3
		4-152	RF			24-75	1
		6-33	RF			24-75A	1
		7-87	RF			24A-71	3
		8-5	RF			24A-71A	3
		8A-5	RF			24A-75	1
		8B-5	RF			24A-75A	1
		9-5	RF			27-42	4
		9A-105	RF			27-42A	4
		10-10	RF			28-30	4
		11-37	RF			28-30A	4
		11A-37	RF			32-39	7
		12-5	RF			32-59	1
		13-15	RF			34-5	4
		14-18	RF	342-0044-000		2-15	RF
		15-5	RF			2-20	RF
		24-71	RF			2-57	RF
		24-75	RF			2-71	RF
		24A-71	RF			2-75	RF
		24A-75	RF			2-68	RF
		27-42	RF			2-79	RF
		28-30	RF			2-117A	RF
340-0694-000		3-39B	8			5-319	RF
		3-306	4			26-174	RF
		3-306A	4			31-107	RF
		3B-5	8			2-117	RF
		4-53	4	342-0046-000		5-114	RF
		4-53A	4			5-126	RF
		4-152	5			5-135	RF
		4-152A	5			5-234	RF
		4A-17	4	342-0133-000		26-5	RF
		4B-139	5			31-7	RF
		6-33	5			2-113	RF
		6-33A	5			2-116	RF
		7-87	4	342-1851-000		2-11	RF
		7-87A	4			16-44	RF
				342-1857-000			
				343-0005-000			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
343-0123-000		4-66	RF	343-0136-000		31-21	RF
		4B-79	RF			31-33	RF
		4B-101	RF	343-0137-000		26-84A	RF
		31-161	RF			31-51	RF
343-0124-000		3-298A	RF	343-0171-000		2-30	RF
		3A-7	RF			2-42	RF
		4-45	RF			2-48	RF
		4A-5	RF			2-100	RF
		5-263	RF	347-0021-000		32-71	8
		26-118	RF	347-1268-000		1-3F	RF
		31-57	RF	350-4008-010		9-38A	RF
		31-73	RF			9-43A	RF
		32-5	RF			11A-133A	RF
343-0125-000		3-301	RF			16-52A	RF
		4-17	RF			16-54A	RF
		4-49	RF	350-4008-020		26-49	RF
		4A-23	RF			26-49A	RF
		4B-143	RF	350-4009-010		7-44	RF
		33-5	RF			9-32	RF
343-0128-000		16-45	RF			9-48	RF
343-0130-000		16-43	RF			9A-65	RF
343-0132-000		31-171	RF			10-49	RF
343-0133-000		2-14	RF			12-19B	RF
		2-27	RF	350-4009-020		11-3	RF
		2-38	RF			11-97	RF
		2-58	RF			11A-3	RF
		5-17C	RF			11A-97	RF
		5-321	RF			12-19A	RF
		26-183	RF	350-4009-030		9-38	RF
		31-95	RF			9-43	RF
343-0134-000		2-37	RF			9A-45	RF
		2-56	RF			11-133	RF
		2-69	RF			11A-133	RF
		4-13	RF			16-52	RF
		4B-73	RF			16-54	RF
		5-17B	RF	350-4009-040		5-245	RF
		5-52	RF			26-49B	RF
		5-54	RF			31-221	RF
		5-296	RF	350-4027-090		25-27	RF
		26-74D	RF	350-4027-100		5-287	RF
		26-137	RF	350-4027-120		5-307	RF
		26-177	RF			26-65	RF
		31-111	RF			31-223	RF
		31-121	RF	350-4027-170		13-23	RF
		31-147	RF	350-4027-180		10-17	RF
		31-157	RF			25-25	RF
		31-179	RF			25-37	RF
343-0135-000		5-278	RF	350-4029-010		16-3	RF
		7-18	RF			16-3A	RF
		10-7	RF			16-3A	1
		26-178	RF			16-3A	1
		31-181	RF			16-18	RF
343-0136-000		5-8	RF			16-18A	RF
		5-17	RF			16-18A	1
		5-258	RF			16-18A	1
		5-271	RF	350-4030-120		16-5	RF
		16-8	RF	350-4030-130		12-19	RF
		16-11	RF	350-4030-160		5-249	RF
		26-12	RF			26-112	RF
		26-84	RF			31-225	RF
		26-140G	RF	351-0043-030		3-59	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-0043-030		3B-39	RF	351-1122-040		11A-158A	RF
351-0053-010		5-259	RF			13-29	RF
		7-22	RF			13-29A	RF
		10-62	RF			26-168	RF
		26-96	RF			26-168A	RF
		31-227	RF			27-36	RF
351-0570-010		7-45A	RF			27-36A	RF
		9-7C	RF			31-235	RF
		9-31C	RF	351-1159-030		5-313	RF
		9A-9A	RF			5-314	RF
		10-46A	RF			5-315	RF
		10-157	RF			5-316	RF
351-0656-010		32-87	RF			26-28	RF
351-0751-010		34-19	RF			31-237	RF
351-0773-010		9A-22A	1	351-1159-040		5-237	RF
351-1035-010		5-276	RF			5-237A	RF
		5-276A	RF			5-317	RF
		26-147	RF			5-317A	RF
		26-147A	RF			26-27	RF
		31-229	RF			26-27A	RF
351-1040-020		16-27	RF	351-1218-020		31-239	RF
		16-29	RF			5-266	RF
		16-56	RF			26-140	RF
		16-58	RF			31-23	RF
351-1112-010		5-241	RF	351-1218-050		5-261	RF
		5-243	RF			5-261A	RF
		26-66	RF			26-117	RF
351-1112-030		31-231	RF			26-117A	RF
351-1114-020		5-239	RF			31-71	RF
351-1114-030		3-73	RF	351-1261-010		5-250	RF
		5-239A	RF			5-252	RF
		26-15	RF			20-75	RF
		31-233	RF			20-75B	RF
351-1122-030		6-138	RF			21-26	RF
		6-138A	RF			21-26B	RF
		6-145A	RF			26-91A	RF
		24-63	RF			26-91C	RF
		24A-63	RF	351-1261-020		31-241	RF
		25-26	RF			7-45	RF
		25-38	RF			9-7	RF
		28-23	RF			9-7A	RF
351-1122-040		5-265	RF			9-31	RF
		5-265A	RF			9-31A	RF
		6-145	RF			10-46	RF
		7-24	RF			10-48	RF
		7-24A	RF			11-143	RF
		8B-11	RF			11A-143	RF
		8B-11A	RF			20-75A	RF
		9-21	RF			21-26A	RF
		9-21A	RF			21-26C	RF
		9A-55	RF			26-91	RF
		9A-55A	RF			26-91B	RF
		10-29	RF	351-1261-030		9-7B	1
		10-29A	RF			9-31B	1
		11-55	RF			9A-9	2
		11-55A	RF	351-1262-010		5-247	RF
		11-158	RF			5-248	RF
		11-158A	RF			5-251	RF
		11A-55	RF			11A-98	RF
		11A-55A	RF	351-1262-020		3-15	RF
		11A-158	RF			3-15A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-1262-020		3-95	RF	351-1262-020		11A-12	RF
		3-95A	RF			11A-12A	RF
		3-127	RF			11A-98A	RF
		3-127A	RF			11A-134	RF
		3B-43	RF			11A-134A	RF
		4-43	RF			26-25	RF
		4-43A	RF			26-25A	RF
		4B-9	RF			27-35	RF
		5-236	RF			27-35A	RF
		5-236A	RF			31-243	RF
		5-240	RF	351-1271-020		5-260	RF
		5-240A	RF			26-201	RF
		5-247A	RF			31-55	RF
		5-248A	RF			2-2	RF
		5-251A	RF	351-1271-030		2-2A	RF
		6-139	RF			5-253	RF
		6-139A	RF			5-253A	RF
		6-141	RF			26-79	RF
		6-141A	RF	351-1286-010		26-79A	RF
		7-3	RF			5-238	RF
		7-3A	RF			5-238A	RF
		7-8	RF			5-285	RF
		7-8A	RF			5-285A	RF
		7-49	RF			5-287A	RF
		7-49A	RF			5-287B	RF
		8-63	RF			6-137	RF
		8-63A	RF			6-137A	RF
		8A-63	RF			6-137B	RF
		8A-63A	RF			9A-85	RF
		8B-71	RF			11-24	RF
		8B-71A	RF			11-24A	RF
		9-10	RF			11-47	RF
		9-10A	RF			11-47A	RF
		9-16	RF			11-131	RF
		9-16A	RF			11-131A	RF
		9-17	RF			11A-24	RF
		9-17A	RF			11A-131	RF
		9-25	RF			12-20	RF
		9-25A	RF			12-20A	RF
		9-27	RF			26-67	RF
		9-27A	RF			26-67A	RF
		9-30	RF			26-192	RF
		9-30A	RF			31-245	RF
		9-44	RF	351-1286-050		6-137C	RF
		9-44A	RF			9A-85A	RF
		9A-21	RF			11A-24A	RF
		9A-22	RF			11A-47A	RF
		10-35	RF			11A-131A	RF
		10-35A	RF			26-192A	RF
		10-40	RF			31-247	RF
		10-40A	RF			31-167	RF
		10-44	RF			20-66	RF
		10-44A	RF			21-28	RF
		10-66	RF	351-1525-010		20-69	RF
		10-66A	RF			20-89	RF
		11-12	RF	351-1527-010		20-89A	RF
		11-12A	RF			21-53	RF
		11-98	RF			21-53B	RF
		11-98A	RF			21-54	RF
		11-134	RF			21-54B	RF
		11-134A	RF			20-64	RF
				351-1527-020			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-1527-020		20-64A	RF	351-8159-090		24A-29A	RF
		20-90	RF			28-25	RF
		20-90A	RF			28-25A	RF
		21-34	RF	351-8159-210		24-31	RF
		21-34A	RF			24-31A	RF
351-1653-010		20-87	RF			24A-32	RF
		21-66	RF			24A-32A	RF
		34-21	RF			28-12	RF
351-1656-010		21-57	RF			28-12A	RF
		21-57A	RF	351-8160-010		6-156	RF
351-1660-010		21-53A	1			6-170	RF
		21-54A	1			12-14	RF
351-1738-010		18-11	RF	351-8160-030		3-104	RF
		20-62	RF			3B-45	RF
351-1957-010		31-475	RF			6-146	RF
351-2420-010		7-7	RF			6-151	RF
		9-11	RF			6-153	RF
		9-28	RF			6-160	RF
		9A-35	RF			6-163	RF
		10-39	RF			6-189	RF
		10-155	RF			8-20	RF
351-2420-020		7-7A	RF			8-36	RF
		7-7D	RF			8-52	RF
		9A-35A	RF			8A-20	RF
		10-39A	RF			8A-36	RF
351-2422-010		5-76	RF			8A-52	RF
		26-159	RF			8B-40	RF
		31-249	RF			8B-41	RF
351-2423-010		6-173	RF			8B-47	RF
		6-173A	RF			20-61	RF
		11-39	RF			20-65	RF
		11-39A	RF			21-31	RF
		11A-39	RF			21-35	RF
		11A-39A	RF			21-40	RF
351-2423-020		6-173B	RF			27-17	RF
		11A-39B	RF	351-8161-010		5-242	RF
351-3701-010		34-25	RF			5-242A	RF
351-3701-020		34-27	RF			7-37	RF
351-3701-050		34-29	RF			7-37A	RF
351-3701-140		32-89	RF			10-27	RF
		34-31	RF			10-27A	RF
351-3703-100		34-33	RF			11-117	RF
351-3703-130		34-35	RF			11-117A	RF
351-3703-170		34-37	RF			11A-117	RF
351-3705-010		34-39	RF			11A-117A	RF
351-3706-070		34-41	RF			26-74	RF
351-5205-012		13-18E	RF			26-74A	RF
351-7689-010		20-59	RF			31-251	RF
		20-59A	RF	351-8175-010		6-159	RF
351-7695-010		18-11A	RF			6-161	RF
		18-11B	RF			12-7	RF
351-7786-010		20-88	RF			12-9	RF
		20-88A	RF			13-2	RF
		21-62	RF			13-4	RF
		21-62A	RF	351-8177-010		5-303	RF
		34-23	RF			6-149	RF
351-7786-012		20-88B	RF			6-158	RF
		21-62B	RF			8-12	RF
351-8159-090		24-28	RF			8-29	RF
		24-28A	RF			8-42	RF
		24A-29	RF			8A-12	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-8177-010		8A-29	RF	351-8197-010		20-92A	RF
		8A-42	RF			21-29	RF
		8B-12	RF			21-29A	RF
		8B-38	RF			26-56	RF
		13-5	RF			26-56A	RF
		26-60	RF			27-19	RF
		27-12	RF			27-19A	RF
		31-253	RF			31-259	RF
351-8180-010		5-310	RF	351-8201-030		5-293	RF
		5-311	RF			13-21	RF
		5-312	RF			26-104	RF
		26-29	RF			31-261	RF
		31-255	RF	351-8233-010		6-148	RF
351-8184-010		20-91	RF			6-148A	RF
351-8186-010		6-143	RF			7-40	RF
		6-143A	RF			7-40A	RF
		6-162	RF			8-51	RF
		6-162A	RF			8-51A	RF
		11-88	RF			8A-51	RF
		11-88A	RF			8A-51A	RF
		11-114	RF			8B-49	RF
		11-114A	RF			8B-49A	RF
		11A-47	RF			10-31	RF
		11A-88	RF			10-31A	RF
		11A-88A	RF			27-20	RF
		11A-114	RF			27-20A	RF
		11A-114A	RF	351-8236-040		5-246	RF
		18-12	RF			5-246A	RF
		18-12A	RF			5-306	RF
351-8187-010		6-150	RF			5-306A	RF
		6-150A	RF			6-171A	RF
		8-33	RF			6-172	RF
		8-33A	RF			7-31	RF
		8A-33	RF			7-31A	RF
		8A-33A	RF			8-64	RF
351-8189-010		5-244	RF			8-64A	RF
		26-40	RF			8A-64	RF
		31-257	RF			8A-64A	RF
351-8197-010		3-47	RF			8B-70	RF
		3-47A	RF			8B-70A	RF
		3B-47	RF			10-20	RF
		5-302	RF			10-20A	RF
		5-302A	RF			10-45	RF
		6-167	RF			10-45A	RF
		6-167A	RF			11-10	RF
		8-34	RF			11-10A	RF
		8-34A	RF			11-139	RF
		8A-34	RF			11-139A	RF
		8A-34A	RF			11A-10	RF
		8B-50	RF			11A-10A	RF
		8B-50A	RF			11A-139	RF
		9-20	RF			11A-139A	RF
		9-20A	RF			26-50	RF
		9A-87	RF			26-50A	RF
		10-23	RF			27-33	RF
		10-23A	RF			27-33A	RF
		11-115	RF			31-263	RF
		11-115A	RF	351-8258-010		6-164	RF
		11A-115	RF			6-164A	RF
		11A-115A	RF			6-166	RF
		20-92	RF			6-166A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-8258-010		7-42	RF	351-8314-020		3B-51	RF
		7-42A	RF	351-8326-010		6-169	RF
		10-26	RF			20-58	RF
		10-26A	RF			20-63	RF
		10-159	RF	351-8332-020		3-82	RF
		12-10	RF			3B-53	RF
		12-10A	RF			20-68	RF
351-8259-010		6-142	RF			21-27	RF
		6-142A	RF	351-8334-010		5-288	RF
		6-142D	RF			13-26	RF
		6-144	RF			26-102	RF
		6-144B	RF			31-269	RF
		11-62	RF	351-8346-030		24-17	RF
		11-91	RF			24-17A	RF
351-8259-030		11A-62	RF			24-22	RF
		11A-91	RF			24-22A	RF
		6-142B	RF			24A-18	RF
		6-144C	RF			24A-18A	RF
		11A-62A	1			24A-22	RF
		11A-62B	RF			24A-22A	RF
		5-308	RF			28-8	RF
351-8273-010		5-308A	RF			28-8A	RF
		26-63	RF	351-8384-010		20-47	RF
		26-63A	RF			20-47A	RF
		31-265	RF	351-8384-020		21-52	RF
		3-49	RF			21-52A	RF
		3B-49	RF	351-8384-040		8-21	RF
		6-155	RF			8-21A	RF
351-8289-010		7-30	RF			8A-21	RF
		10-16	RF			8A-21A	RF
		10-24	RF			8B-20	RF
		12-11	RF			8B-20A	RF
		6-152	RF			27-8	RF
		6-154	RF			27-8A	RF
		6-165	RF	351-8406-010		8-30	RF
351-8297-010		8-37	RF			8A-30	RF
		8A-37	RF			15-2	RF
		8B-56	RF			15-13	RF
		10-14	RF	351-8406-020		8-22	RF
		11-119	RF			8A-22	RF
		11A-119	RF	351-8406-030		8-22A	RF
		13-28	RF			8-22A	1
351-8306-010		25-19	RF			8-30A	RF
		27-21	RF			8-30A	1
		5-292	RF			8B-22	RF
		5-292A	RF			8B-22	1
		8B-48	RF			8B-39	RF
		8B-48A	RF			8B-39	1
		26-107	RF			15-2A	RF
351-8308-020		26-107A	RF			15-2A	1
		27-14	RF			15-13A	RF
		27-14A	RF			15-13A	1
		15-7	RF	351-8406-040		8B-22A	RF
		6-168	RF			8B-22A	1
		7-21	RF			8B-22A	1
		7-32	RF			8B-39A	RF
351-8314-010		8-35	RF			8B-39A	1
		8A-35	RF			8B-39A	1
		10-25	RF			15-2B	RF
		20-67	RF			15-2B	1
		3-103	RF			15-2B	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
351-8406-040		15-13B	RF	352-0661-020		5-28	RF
		15-13B	1			9A-41	RF
		15-13B	1			12-17	RF
		27-7	RF			12-21	RF
		27-7	2			25-13	RF
351-8407-020		27-7	2			25-15	RF
		6-171	RF			25-20A	RF
		7-36	RF			26-88	RF
		10-30	RF			31-277	RF
		11-66	RF	352-0734-020		9A-41A	RF
351-8418-010		11A-66	RF			16-38	RF
		25-32	RF			16-39	RF
		6-147	RF	352-0740-010		3-83	RF
351-8436-030		13-18	RF			3-117	RF
		24-40B	RF			3-119	RF
351-8454-020		5-290	RF	352-0756-010		3B-57	RF
		13-7	RF			3-117A	RF
		24-44	RF			3-119A	RF
		24-44A	RF	352-0756-120		3-117B	RF
		24A-43	RF			3-117C	RF
351-8507-020		24A-43A	RF			3-119B	RF
		26-103	RF	352-0780-070		3-119C	RF
		28-14	RF			3B-59	RF
		28-14A	RF			5-79	RF
		31-455	RF	352-0782-030		26-151	RF
351-8804-130		5-309	RF			31-129	RF
		13-46	RF			5-78	RF
		26-64	RF	352-0792-020		26-128	RF
		31-271	RF			31-80	RF
		31-267	RF			18-7	RF
352-0440-000		18-5	RF	352-0838-010		21-3	RF
		19-4	RF			21-3A	RF
		20-52	RF			32-91	RF
		20-83	RF	352-0867-010		3-158	RF
		22-6	RF			3-158B	RF
352-0551-010		23-4	RF			3-166	RF
		5-48	RF	352-0867-020		3-166B	RF
		12-16	RF			3-211	RF
		12-18	RF			3-211B	RF
		25-12	RF	352-0867-050		3-263	RF
352-0596-030		25-14	RF			3-263B	RF
		25-18	RF			4-77	RF
		25-20	RF	352-0867-050		4-126	RF
		26-90	RF			4-130	RF
		31-273	RF			3-222	RF
352-0605-010		18-7A	RF	352-0867-050		3-222A	RF
		20-74	RF			3-245	RF
		21-17	RF			3-245A	RF
352-0661-010		5-109	RF	352-0867-050		4-64	RF
		10-68	RF			4-114	RF
		26-16	RF			3-158A	RF
		31-275	RF	352-0867-050		3-158C	RF
		14-21	RF			3-166A	RF
352-0661-020		14-30	RF			3-166C	RF
		14-31	RF			3-211A	RF
		14-32	RF			3-211C	RF
		20-82	RF			3-263A	RF
		21-20	RF			3-263C	RF
352-0661-020		3-353	RF			4-77A	RF
		3B-55	RF			4-126A	RF
		4B-183	RF			4-130A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
352-0867-050		4B-47	RF	352-9605-220		5-35	1
352-0867-060		3-222B	RF			5-45	RF
		3-245B	RF			5-45	1
		4-114A	RF			5-82	RF
		4B-63	RF			5-82	2
352-0923-020		7-13	RF			7-16	RF
		7-14	RF			7-16	2
		10-2	RF			10-6	RF
		10-3	RF			10-6	2
352-1005-020		2-3	RF			26-132	RF
		5-10	RF			26-132	3
		5-12	RF	352-9984-010		4-65	RF
		26-7	RF	352-9984-030		26-211	RF
		31-11	RF			31-69	RF
352-1006-020		5-3	RF	352-9984-040		4-65A	RF
		5-11	RF			4B-99	RF
		26-6	RF	353-2724-000		5-304	RF
		31-9	RF			26-57	RF
352-1082-010		5-31	RF			31-279	RF
		26-126	RF	353-3135-000		14-27	RF
		31-79	RF	353-3173-000		3-100	RF
352-1083-010		5-41	RF	353-3184-000		5-286	RF
		26-127	RF			26-97	RF
		31-81	RF			31-281	RF
352-1093-010		3-150	RF	353-3591-060		13-39	RF
		3B-63	RF			24-48	RF
		4-93	RF			24A-47	RF
		4B-31	RF			28-17	RF
352-1227-010		32-93	RF	353-3591-080		26-193	RF
352-1227-020		32-95	RF	353-3591-110		3-264	RF
352-7956-010		34-43	RF			3B-65	RF
352-9105-170		31-87	RF	353-3591-480		3-21	RF
352-9113-010		32-97	RF			3B-66	RF
		34-45	RF	353-3591-490		20-77	RF
352-9114-020		32-99	RF			21-21	RF
352-9524-000		21-20A	RF			24-35	RF
352-9525-000		3-357	RF	353-3644-000		10-12	RF
		4B-175	RF	353-3644-010		3-10	RF
		10-153	RF			3-10A	RF
352-9604-010		31-175	RF			3-20	RF
352-9604-030		5-262	RF			3-20A	RF
		26-120	RF			3-25	RF
		31-77	RF			3-25A	RF
352-9605-140		2-7	RF			3-52	RF
		2-7A	RF			3-52A	RF
		5-7	RF			3-94	RF
		5-7A	RF			3-94A	RF
		5-16	RF			3-137	RF
		5-16A	RF			3-137A	RF
		5-257	RF			3-138	RF
		5-257A	RF			3-138A	RF
		5-270	RF			3-180	RF
		5-270A	RF			3-180A	RF
		26-11	RF			3-189	RF
		26-11A	RF			3-189A	RF
		26-83	RF			3-321	RF
		26-83A	RF			3B-67	RF
		26-140E	RF			4-22	RF
		26-140F	RF			4-22A	RF
		31-19	RF			4-23A	RF
352-9605-220		5-35	RF			4-23B	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
353-3644-010		4-32	RF	353-3644-010		8A-18	RF
		4-35	RF			8A-18A	RF
		4-133	RF			8B-19	RF
		4-133A	RF			8B-19A	RF
		4B-45	RF			9-12	RF
		5-60	RF			9-12A	RF
		5-60A	RF			9-13	RF
		5-61	RF			9-13A	RF
		5-61A	RF			9-14	RF
		5-66	RF			9-14A	RF
		5-66A	RF			9-15	RF
		5-73A	RF			9-15A	RF
		5-73B	RF			9-23	RF
		5-74	RF			9-23A	RF
		5-74A	RF			9-24	RF
		5-74D	RF			9-24A	RF
		5-74E	RF			9-26	RF
		5-102	RF			9-26A	RF
		5-102A	RF			9-34	RF
		5-107	RF			9-34A	RF
		5-107A	RF			9A-33	RF
		6-2	RF			10-12A	RF
		6-2A	RF			10-26B	RF
		6-6	RF			10-26C	RF
		6-6A	RF			10-26D	RF
		6-8	RF			10-26E	RF
		6-8A	RF			10-26G	RF
		6-10	RF			10-26H	RF
		6-10A	RF			10-26J	RF
		6-13	RF			10-26K	RF
		6-13A	RF			10-33	RF
		6-24	RF			10-33A	RF
		6-24A	RF			10-34	RF
		6-28	RF			10-34A	RF
		6-28A	RF			10-41	RF
		6-48	RF			10-41A	RF
		6-49	RF			10-42	RF
		6-54	RF			10-42A	RF
		6-54A	RF			10-67	RF
		6-55	RF			10-67A	RF
		6-56	RF			10-71	RF
		6-56A	RF			10-71A	RF
		6-57	RF			10-73	RF
		6-57A	RF			10-73A	RF
		6-57B	RF			11-5	RF
		6-59	RF			11-5A	RF
		6-59A	RF			11-7	RF
		7-2	RF			11-7A	RF
		7-2A	RF			11-22	RF
		7-4	RF			11-22A	RF
		7-4A	RF			11-23	RF
		7-5	RF			11-23A	RF
		7-5A	RF			11-29	RF
		7-10	RF			11-29A	RF
		7-10A	RF			11-30	RF
		7-19	RF			11-30A	RF
		7-19A	RF			11-49	RF
		7-50	RF			11-49A	RF
		7-50A	RF			11-50	RF
		8-18	RF			11-50A	RF
		8-18A	RF			11-75	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
353-3644-010		11-75A	RF	353-3644-010		16-22	RF
		11-77	RF			16-22A	RF
		11-77A	RF			16-23	RF
		11-101	RF			16-23A	RF
		11-101A	RF			16-24	RF
		11-103	RF			16-24A	RF
		11-104	RF			16-36	RF
		11-104A	RF			16-36A	RF
		11-105	RF			16-59	RF
		11-148	RF			16-59A	RF
		11-148A	RF			16-60	RF
		11-149	RF			16-60A	RF
		11-149A	RF			16-62	RF
		11-175	RF			16-62A	RF
		11-175A	RF			16-63	RF
		11A-5	RF			16-63A	RF
		11A-5A	RF			16-64	RF
		11A-7	RF			16-64A	RF
		11A-7A	RF			16-65	RF
		11A-22	RF			16-65A	RF
		11A-22A	RF			16-66	RF
		11A-23	RF			16-66A	RF
		11A-23A	RF			18-27	RF
		11A-29	RF			20-24	RF
		11A-29A	RF			20-24A	RF
		11A-30	RF			21-14	RF
		11A-30A	RF			21-14A	RF
		11A-49	RF			24-3	RF
		11A-49A	RF			24-3A	RF
		11A-50	RF			24-7	RF
		11A-50A	RF			24-7A	RF
		11A-75	RF			24-18	RF
		11A-75A	RF			24-18A	RF
		11A-77	RF			24-20	RF
		11A-77A	RF			24-20A	RF
		11A-101	RF			24-33	RF
		11A-101A	RF			24-33A	RF
		11A-104	RF			24-34	RF
		11A-104A	RF			24-34A	RF
		11A-148	RF			24-57	RF
		11A-148A	RF			24-57A	RF
		11A-149	RF			24-61	RF
		11A-149A	RF			24-61A	RF
		11A-175	RF			24-62	RF
		11A-175A	RF			24-62A	RF
		16-2	RF			24-66	RF
		16-2A	RF			24-66A	RF
		16-13	RF			24-67	RF
		16-13A	RF			24-67A	RF
		16-14	RF			24-68	RF
		16-14A	RF			24-68A	RF
		16-14C	RF			24A-3	RF
		16-14D	RF			24A-3A	RF
		16-16	RF			24A-19	RF
		16-16A	RF			24A-19A	RF
		16-17	RF			24A-20	RF
		16-17A	RF			24A-20A	RF
		16-20	RF			24A-34	RF
		16-20A	RF			24A-34A	RF
		16-21	RF			24A-35	RF
		16-21A	RF			24A-35A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
353-3644-010		24A-54	RF	353-8133-060		30-5	RF
		24A-54A	RF			34-47	RF
		24A-58	RF			32-101	RF
		24A-58A	RF			32-103	RF
		24A-59	RF			34-49	RF
		24A-59A	RF			32-105	RF
		24A-60	RF			7-11	RF
		24A-60A	RF			10-72	RF
		24A-66	RF			5-264	RF
		24A-66A	RF			26-125	RF
		24A-67	RF			31-291	RF
		24A-67A	RF			32-77	RF
		24A-68	RF			32-107	RF
		24A-68A	RF			3-232	RF
		25-8	RF			3-279	RF
		25-8A	RF			3B-69	RF
		25-9	RF			16-51	RF
		25-9A	RF			16-51A	57
		25-10	RF			16-6	RF
		25-10A	RF			16-6A	RF
		25-11	RF			6-157	RF
		25-11A	RF			8-45	RF
		25-23	RF			8A-45	RF
		25-23A	RF			8B-52	RF
		25-30	RF			10-28	RF
		25-30A	RF			10-51	RF
		26-35	RF			11-16	RF
		26-35A	RF			11-113	RF
		27-5	RF			11A-16	RF
		27-5A	RF			11A-113	RF
		28-10	RF			24-26	RF
		28-10A	RF			24-43	RF
		31-283	RF			24A-27	RF
353-3691-010		4-32A	RF			24A-42	RF
		4-35A	RF			27-46	RF
		4B-23	RF			28-35	RF
353-3718-070		5-93	RF	372-0033-020		5-87	RF
		5-93A	RF			5-100	RF
		5-94	RF			6-140	RF
		5-94A	RF			7-92	RF
		26-62	RF			9-19	RF
		26-62A	RF			9A-109	RF
		31-285	RF			26-186	RF
353-6442-050		5-69	RF	372-0043-160		31-293	RF
		5-69A	RF			3-34	RF
		7-12	RF			3-313	RF
		7-12A	RF			3B-71	RF
		7-20	RF			17-2	RF
		7-20A	RF			32-109	RF
		10-69	RF			17-3	RF
		10-69A	RF			4-9	RF
		10-70	RF			4B-95	RF
		10-70A	RF			5-101	RF
		26-148	RF			26-185	RF
353-6556-010		26-148A	RF	372-0043-530		31-295	RF
		31-287	RF			14-12	5
		5-30	RF			25-45	16
		5-37	RF			6-44	40
		26-124	RF			6-44A	40
		31-289	RF			7-83	26
353-8133-060		29-5	RF	372-2252-020		7-83A	26

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
372-2252-020		8-9	24	372-2601-037		10-149	RF
		8A-9	24			26-195	RF
		8B-9	24			29-7	RF
		9-97	26			30-7	RF
		9-97A	26	372-2601-039		7-114	RF
		10-53	20	372-2601-043		4B-145	RF
		10-53A	20	372-2601-045		3-169	RF
		10-65	26			3-169	11
		10-65A	26			3-169A	RF
		11-82	36			3-169A	19
		11A-82	36			3B-73	RF
		12-27	18			3B-73	17
		13-45	20			4-154	RF
		15-10	36			4-154	6
		20-46	22			4B-145A	RF
		21-42	20			4B-145A	6
		24-77	36			5-336	RF
		24A-77	36			5-336	17
		27-47	24			6-177	RF
		28-34	36			6-177	2
372-2330-170		25-52	RF			8B-78	RF
372-2334-100		12-26A	1			8B-78	3
		20-45A	1			9A-113	RF
		20-45B	1			9A-113	4
		21-41A	1			10-150	RF
		21-41B	1			10-150	2
		34-51	2			11A-178	RF
372-2334-110		10-52B	RF			11A-178	4
		10-52B	1			16-70	RF
		13-44A	RF			16-70	5
		13-44A	1			20-97	RF
372-2334-130		27-45A	1			20-97	2
372-2334-140		7-82B	1			21-78	RF
		9-96B	1			21-78	2
		9A-111	1			32-259	RF
		10-64B	1			32-259	5
372-2334-190		11A-81A	RF	372-2601-046		3-314	RF
		11A-81A	1	372-2601-047		3-373	RF
		15-9A	RF			4B-169	RF
		15-9A	1	372-2601-071		5-340	RF
		28-33A	RF	372-2601-077		17-4	RF
		28-33A	1	372-2601-087		3-30	RF
372-2334-210		6-43B	RF			3-30	18
372-2601-010		3-365	RF			3-318	RF
		3-365	1			3-318	18
		3B-237	RF			4-8	RF
		3B-237	1			4-8	15
372-2601-012		16-67	RF	372-2601-089		3B-11	RF
372-2601-026		35-33	RF			4B-113	RF
		35-33	8			5-342	RF
		36-5	RF			26-187	RF
		36-5	8			31-297	RF
372-2601-027		26-196	RF			32-51	RF
		26-196	2	372-2601-137		19-11	RF
372-2601-033		24-79	14			23-11	RF
		31-457	21	372-2601-161		18-13	RF
372-2601-037		3-315	RF			18-13	7
		4-156	RF			22-11	RF
		4B-153	RF			22-11	3
		5-339	RF	372-2601-545		6-177A	RF
		7-113	RF			16-70A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
372-2601-545		16-70B	RF	373-0154-000		31-85	RF
372-2624-017		25-44	1			31-85	3
372-2624-018		12-26	1			31-133	RF
		20-45	2			31-133	1
		21-41	2	380-1080-060		7-52B	RF
372-2624-019		10-52	1			9-62B	RF
		10-52A	1			9-77B	RF
		13-44	1			9A-29	RF
372-2624-021		8-8	1			10-111B	RF
		8A-8	1	380-1080-070		11A-137A	RF
		8B-8	1	380-1080-080		7-51B	RF
		27-45	1			9-59B	RF
372-2624-022		7-82	1			9-78B	RF
		7-82A	1			9A-27	RF
		9-96	1			10-110B	RF
		9-96A	1	380-1080-090		10-112C	RF
		10-64	1	380-1080-100		7-112B	RF
		10-64A	1			9-58B	RF
372-2624-027		11-81	1			9-58D	RF
		11A-81	1			9-79B	RF
		15-9	1			9A-23	RF
		24-78	1			10-114B	RF
		24A-78	1			10-117B	RF
		28-33	1			11A-141A	RF
372-2624-029		6-43	1			27-23A	RF
		6-43A	1	380-1080-110		27-22A	RF
372-2625-014		14-13	1	380-1080-130		6-104B	RF
373-0154-000		5-5	RF			27-27A	RF
		5-5	2	380-1080-220		3-130B	RF
		5-14	RF			3B-75	RF
		5-14	6	380-1080-230		32-111	RF
		5-33	RF	380-1080-240		32-113	RF
		5-33	1	380-1080-260		3-62B	RF
		5-43	RF			3-170B	RF
		5-43	1			3B-77	RF
		5-81	RF			32-115	RF
		5-81	2	380-1080-270		3-320A	RF
		5-255	RF			3B-79	RF
		5-255	2			32-117	RF
		5-268	RF	380-1080-390		26-122A	RF
		5-268	2			31-299	RF
		7-17	RF	382-0051-050		20-73	RF
		7-17	2			21-25	RF
		10-5	RF	382-0051-060		6-86	RF
		10-5	2			11-31	RF
		26-9	RF			11A-31	RF
		26-9	8	382-0051-070		3-107	RF
		26-81	RF			3-170	RF
		26-81	2			3-170A	RF
		26-131	RF			3B-81	RF
		26-131	3			5-163	RF
		26-140C	RF			26-149	RF
		26-140C	2			31-449	RF
		26-153	RF	382-0051-080		3-18	RF
		26-153	1			3-111	RF
		31-15	RF			3B-83	RF
		31-15	8			5-225	RF
		31-27	RF			11-15	RF
		31-27	2			11-128	RF
		31-39	RF			11A-15	RF
		31-39	2			11A-128	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
382-0051-080		26-13	RF	382-0052-100		11-137	RF
		31-451	RF			11-141	RF
382-0051-100		6-84	RF			11A-141	RF
		11-17	RF			27-23	RF
		11-112	RF	382-0052-110		8-49	RF
		11A-17	RF			8-54	RF
		11A-112	RF			8A-49	RF
382-0051-110		6-85	RF			8A-54	RF
		11-92	RF			8B-55	RF
		11A-92	RF			8B-58	RF
382-0052-060		7-52	RF			27-22	RF
		7-52A	RF	382-0052-130		6-104	RF
		7-52C	RF			6-104A	RF
		9-62	RF			8B-64	RF
		9-62A	RF			27-27	RF
		9-62C	RF	382-0052-210		5-148A	RF
		9-77	RF	382-0052-230		5-148B	RF
		9-77A	RF			26-122	RF
		9-77C	RF	382-0052-250		5-148	RF
		10-111	RF	382-0052-410		3-130	RF
		10-111A	RF			3-130A	RF
		10-111C	RF			3-130C	RF
382-0052-070		11-137B	RF	382-0052-450		3-62	RF
		11A-137	RF			3-62A	RF
382-0052-080		7-51	RF			3-62C	RF
		7-51A	RF	382-0052-460		3-84A	RF
		7-51C	RF			3-320	RF
		9-59	RF	4-435668-3		8A-31	1
		9-59A	RF			11-174	1
		9-59C	RF			11-174A	1
		9-78	RF			11A-174	1
		9-78A	RF	4-435668-5		7-43	1
		9-78C	RF			10-50	1
		10-110	RF	40NS115W020KI		14-5	1
		10-110A	RF	40SS473A035M1		14-2A	1
		10-110C	RF			14-28A	1
382-0052-090		8-53	RF			14-29A	1
		8A-53	RF			14-33A	1
		10-112A	RF	40SS473A035M1A		14-2	1
		10-112B	RF			14-2A	1
		11-137A	RF			14-28	1
382-0052-100		7-112	RF			14-28A	1
		7-112A	RF			14-29	1
		7-112C	RF			14-29A	1
		8-50	RF			14-33	1
		8A-50	RF			14-33A	1
		8B-57	RF	4005		5-69A	1
		9-58	RF			7-12A	1
		9-58A	RF			7-20A	1
		9-58C	RF			10-69A	1
		9-79	RF			10-70A	1
		9-79A	RF			26-148A	1
		9-79C	RF			31-287	1
		10-112	RF	4007-4		2-16	2
		10-112D	RF			2-16A	2
		10-114	RF			2-21	2
		10-114A	RF			2-21A	2
		10-114C	RF			4B-78	2
		10-117	RF	4007-4HTD		2-16	2
		10-117A	RF			2-16A	2
		10-117C	RF			2-21	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
4007-4HTD		2-21A	2	4114R1-104		10-17	1
		4B-78	2			25-25	1
4007-6HTD		2-8A	2			25-37	1
4007-8HTD		31-43	1	4114R1-473		13-23	1
4020BDM		5-242	1	4114R2-103		5-307	1
		5-242A	1			26-65	1
		7-37	1			31-223	1
		7-37A	1	4114R2-563		5-287	1
		10-27	1	4116R001-221		5-249	1
		10-27A	1			26-112	1
		11-117	1			31-225	1
		11-117A	1	4116R002-273		16-5	1
		11A-117	1	4116R1-221		5-249	1
		11A-117A	1			26-112	1
		26-74	1			31-225	1
		26-74A	1	4116R2-273		16-5	1
4020BPC		31-251	1	4116R21C		16-3	1
		24-28	1			16-3A	1
		24-28A	1			16-18	1
		24A-29	1			16-18A	1
		24A-29A	1	42394		5-284	1
		28-25	1			26-150	1
		28-25A	1			31-303	1
4021BDM		6-159	1	425-0001-000		2-17	RF
		6-161	1			2-22	RF
		12-7	1	425-1538-000		3-233	RF
		12-9	1	43-02-9		2-7	2
		13-2	1			2-7A	2
		13-4	1			5-7	1
4040-2		4B-171	1			5-7A	1
		31-165	2			5-16	3
4040BDM		5-303	1			5-16A	3
		6-149	1			5-257	1
		6-158	1			5-257A	1
		8-12	1			5-270	1
		8-29	1			5-270A	1
		8-42	1			26-11	4
		8A-12	1			26-11A	4
		8A-29	1			26-83	1
		8A-42	1			26-83A	1
		8B-12	1			26-140E	1
		8B-38	1			26-140F	1
		13-5	1			31-19	4
		26-60	1	43-03-8		2-7	2
		27-12	2			2-7A	2
		31-253	1			5-7	1
4042BDM		5-293	1			5-7A	1
		13-21	1			5-16	3
		26-104	1			5-16A	3
		31-261	1			5-257	1
4069UBDM		15-7	1			5-257A	1
4114R001-103		25-27	1			5-270	1
4114R001-104		10-17	1			5-270A	1
		25-25	1			26-11	4
		25-37	1			26-11A	4
4114R001-473		13-23	1			26-83	1
4114R002-103		5-307	1			26-83A	1
		26-65	1			26-140E	1
		31-223	1			26-140F	1
4114R002-563		5-287	1			31-19	4
4114R1-103		25-27	1	43-77-1		5-35	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
43-77-1		5-45	1	503-4970-001		2-99	2
		5-82	2			4-32A	1
		7-16	2			4-35A	1
		10-6	2			4B-23	2
435238-1		26-132	3	51-424-3196		3-232	1
		5-289C	1			4B-149	1
		13-22A	1			3-39	8
		11-181	1			3-39A	8
435238-3		11A-174B	1	53S485JS883B		24-40B	1
435238-5		7-43B	1	53S881AJ883B		31-475	1
		10-50A	1	53S881J883B		31-475	1
435238-7		8-31B	1	534236-4		6-157	1
		8A-31B	1			8-45	1
435238-8		3-106B	1			8A-45	1
		6-176	1			8B-52	1
		9-33A	1			10-28	1
		9-50B	1			10-51	1
435668-1		12-2A	1			11-16	1
		3-106	1			11-113	1
		3-106	1			11A-16	1
		6-175	1			11A-113	1
		6-175	1			24-26	1
		9-33	1			24-43	1
		9-33	1			24A-27	1
		9-50	1			24A-42	1
		9-50	1			27-46	1
		12-2	1			28-35	2
		12-2	1			5-87	1
		5-289A	1			5-100	1
		13-22	1			6-140	1
		26-101	1			7-92	1
435668-5		8A-31	1			9-19	1
		11-174	1			9A-109	1
		11-174A	1			26-186	2
		11A-174	1			31-293	2
435668-7		7-43	1	5369		4-72	1
		10-50	1			4B-69	1
435668-8		5-289	1	538-011A2-8		3-253	1
435668-9		8B-34	1			3-253A	1
		27-16	1			3-256	1
4704-04-01-4102		5-5	2			3-256A	1
		5-14	6			3-266	1
		5-33	1			3-266A	1
		5-43	1			3-272	1
		5-81	2			3-272A	1
		5-255	2			3B-227	4
		5-268	2	538-011A5-5-18		19-18A	1
		7-17	2			23-17B	1
		10-5	2	538-011D9-35		3-207A	1
		26-9	8			3-213A	1
		26-81	2			3-217A	1
		26-131	3			3B-229	3
		26-140C	2	538-080A2-8		4-70A	1
		26-153	1			4-81A	1
		31-15	8			4-92A	1
		31-27	2			4-96A	1
		31-39	2			4-105A	1
		31-85	3			4-109A	1
		31-133	1			4-127A	1
		32-103	2			3-253	1
		2-95	2			3-253A	1
5D							
503-4970-001							

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
538-080A2-8		3-256	1	54S00DM		21-28	1
		3-256A	1	54S74DM		21-57A	1
		3-266	1	540-9041-003		5-17E	2
		3-266A	1			5-56	3
		3-272	1			26-74F	2
538-080A5-5-18		3-272A	1			31-187	RF
		3B-227	4	540-9049-003		26-139	3
		19-18A	1			31-153	RF
		23-17B	1	540-9051-003		16-10	2
		3-207A	1	540AG10D		5-291A	1
538-080D9-35		3-213A	1			26-181	1
		3-217A	1			31-217	1
		3B-229	3	5404DM		20-59A	1
		4-70A	1			20-59A	1
		4-81A	1	541-5949-002		16-49	2
		4-92A	1	542-0814-003		3-290A	17
		4-96A	1			3B-15	17
		4-105A	1			4B-115	14
		4-109A	1			32-53	17
		4-127A	1	546-3039-003		5-281	2
		4B-29	7			5-298	1
		3-253	1			26-180	3
		3-253A	1			31-185	3
		3-256	1	547-8177-012		2-6	4
		3-256A	1	547-8177-017		26-81A	2
538011C0P089R		3-266	1			31-41	1
		3-266A	1	5493DM		18-11A	1
		3-272	1			18-11B	1
		3-272A	1	553-5022-003		3A-9	2
		3B-227	4			32-7	2
		19-18	1	56		3-369	11
		19-18A	1			3B-241	11
		23-17A	1			4B-161	1
		23-17B	1	56-590-65-4A6		4B-159	8
		3-207	1	572-4838-1-0519		2-127	2
538011E2P094R		3-207A	1	572-4878-1-0516		31-159	3
		3-213	1	5878		3-235	1
		3-213A	1			3B-41	1
		3-217	1			32-85	1
		3-217A	1	5962-8775101MEA		20-88B	1
		3B-229	3			21-62B	1
		4-70	1	600D107G050DJ5		5-49	1
		4-70A	1			5-49	1
		4-81	1			26-141	1
		4-81A	1			26-141	1
		4-92	1			31-193	1
		4-92A	1			31-193	1
		4-96	1	600D157G050DL5		5-88	1
		4-96A	1			5-88	1
		4-105	1			5-97	1
54LS00DMQB		4-105A	1			5-97	1
		4-109	1			26-30	2
		4-109A	1			26-30	2
		4-127	1			31-189	2
		4-127A	1			31-189	2
		23-17	1	600D706G040DE5		5-62	1
		20-66	1			5-62	1
		21-28	1			26-167	1
		20-69	1			26-167	1
		20-62	1			31-191	1
		20-66	1			31-191	1
54LS74ABCAJC							
54LS93BCAJC							
54S00DM							

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
6009-8A		5-274	2	601-4212-001		14-1	RF
		14-24	1	601-4214-001		2-67	1
		14-35	1			2-67C	1
		26-163	2			16-1A	RF
		31-141	2	601-4214-002		2-67A	1
601-4203-001		2-53	1			16-1B	RF
		5-1A	RF	601-4214-003		2-67D	1
601-4203-003		2-53A	1			16-1C	RF
		5-1B	RF	601-4215-001		2-26	1
601-4204-001		1-9	1			2-26B	1
		1-9D	1			17-1A	RF
		1-9G	1	601-4301-001		1-6	1
		6-1A	RF			1-6B	1
601-4204-003		1-9A	1			1-6D	1
		1-9E	1			3-1A	RF
		1-9H	1	601-4301-004		1-6F	1
		6-1B	RF			3-1C	RF
601-4205-001		1-10	1	601-4302-001		1-7	1
		1-10C	1			4-1	RF
		1-10E	1	601-4313-001		1-18	1
		7-1A	RF			15-1	RF
601-4205-003		1-10A	1	601-4316-001		3-42	1
		7-1B	RF			18-1	RF
601-4206-001		1-11	1			32-15	1
		1-11E	1	601-4317-001		3-283	1
		1-11H	1			3B-85	1
		8-1	RF			19-1A	RF
601-4206-002		1-11A	1	601-4317-003		19-1B	RF
		8A-1	RF			32-9	1
601-4206-003		1-11B	1	601-4318-001		3-300	1
		1-11F	1			20-1A	RF
		1-11J	1	601-4319-001		4-48	1
		8B-1	RF			21-1A	RF
601-4207-001		1-12	1	601-4520-001		4-83	1
		1-12C	1			4B-119	1
		9-1A	RF			22-1	RF
601-4208-001		1-13	1	601-4521-001		4-11	1
		1-13C	1			4B-83	1
		1-13F	1			23-1	RF
		10-1A	RF	608-5715-001		27-44	1
601-4208-004		1-13A	1	608-6395-002		2-33	8
		10-1B	RF	608-6395-008		2-34	13
601-4209-001		1-14	1	608-6395-009		17-5	38
		1-14C	1	608-6395-016		16-69	1
		11-1	RF	608-6430-003		4-153	5
601-4209-003		1-14A	1			6-38	4
		1-14D	1			7-95	3
		11A-1A	RF			8-16	3
601-4209-004		1-14B	1			8A-16	3
		1-14E	1			8B-16	3
		1-14F	1			9-29	4
		11A-1B	RF			9A-99	4
601-4210-001		1-15	1			10-47	4
		12-1A	RF			11-52	3
601-4210-003		1-15A	1			11A-52	3
		12-1B	RF			12-6	2
601-4211-001		1-16	1			13-12	3
		13-1A	RF			14-19	1
601-4211-003		1-16A	1			15-11	3
		13-1B	RF			24-72	3
601-4212-001		1-17	1			24A-72	3

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
608-6430-003		27-43	3	628-9712-001		32-29	1
		28-32	3	628-9713-001		32-33	1
608-6430-017		3-40	8	628-9714-001		32-65	1
		3B-3	8	628-9715-001		32-31	1
		4-153A	5	628-9716-001		32-35	1
		4B-133	5	628-9717-001		1-4C	1
		32-37	7	628-9718-001		1-4D	1
608-6430-018		20-10	4	628-9719-001		1-4E	1
		21-38	4	628-9723-001		32-69	1
		34-3	4	628-9724-001		32-67	1
618-4921-231		31-169	1	629-6561-012		3-304	4
618-4921-237		4-64A	1			4-52	4
		4B-97	1			4A-15	4
618-4921-287		4B-97A	1			34-11	4
622-3255-001		1-1A	RF	629-6561-013		3-37	8
622-3255-002		1-1B	RF			3B-9	8
622-3255-003		1-1C	RF			4-150	5
622-3255-004		1-1D	RF			4B-135	5
622-3255-005		1-1W	RF			6-31	5
622-3255-006		1-1E	RF			7-85	4
622-3255-007		1-1S	RF			8-3	1
622-3257-001		1-1F	RF			8A-3	4
622-3257-002		1-1G	RF			8B-3	4
622-3257-003		1-1H	RF			9-3	5
622-3257-004		1-1J	RF			9A-101	5
622-3257-005		1-1K	RF			10-8	5
622-3257-006		1-1L	RF			11-35	4
622-3257-007		1-1M	RF			11A-35	4
622-3257-008		1-1N	RF			12-3	3
622-3257-009		1-1P	RF			13-13	4
622-3257-010		1-1Q	RF			14-16	1
622-3257-011		1-1R	RF			15-3	4
622-3257-012		1-1X	RF			24-69	3
622-3257-013		1-1Y	RF			24-73	1
622-3257-101		1-1Z	RF			24A-69	3
622-3259-002		1-1U	RF			24A-73	1
622-3259-003		1-1T	RF			27-40	4
622-3259-005		1-1V	RF			28-28	4
628-8210-001		31-93	1			32-43	7
628-8210-002		31-103	1			32-63	1
628-8479-004		32-3	1	629-6753-001		5-320	1
		33-1	RF			26-182	1
628-8485-001		33-15	1	629-6753-002		5-325	1
628-8485-002		33-21	1	629-6754-001		2-82	1
628-8680-001		32-11	1	629-6754-002		2-97	1
628-8681-001		32-13	1	629-6755-001		4-145	1
628-8864-001		3-367	1			4B-131	1
		3B-239	1	629-6755-002		4-147	1
628-9576-001		26-82A	1	629-6757-001		5-318	1
		31-47	1			26-173	1
628-9577-001		26-207	1	629-6758-001		5-294	1
		31-65	1	629-6758-002		5-300	1
628-9595-001		32-19	1	629-6759-001		2-87	4
628-9596-001		32-17	1			2-123	3
628-9704-001		36-33	1	629-6760-001		2-70	1
628-9705-001		35-27	1	629-6760-002		2-74	1
628-9706-001		36-35	1	629-6760-003		2-73	1
628-9707-001		35-29	1	629-6760-004		2-77	1
628-9708-001		35-31	1	629-6836-027		1-4	1
		36-37	1	629-6836-033		1-4A	1
628-9711-001		32-25	1	629-6836-035		1-4B	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
629-6898-001		3-228	1	63PR503T636		6-84	1
629-6898-002		3-230	1			11-17	1
629-6902-001		2-29	1			11-112	1
629-6902-003		2-35	1			11A-17	1
629-6903-001		2-41	1			11A-112	1
629-6903-002		2-46	1	634		4B-171	1
629-6904-001		2-47	1			31-165	2
629-6904-002		2-52	1	634-4970-013		1-24	1
629-6905-001		2-92	2	634-7161-001		3-80	1
		2-104	2			3B-95	1
629-6906-001		1-5	1	635-1888-001		1-3	1
629-6948-001		3-123	1	635-1890-001		1-3A	1
		3B-87	1	635-1892-001		1-3B	1
629-6948-002		3-125	1	635-5562-001		3-147	1
629-6949-001		16-68	8	635-5562-002		3-149	1
629-6951-001		2-66	1	635-5563-001		5-277	1
629-6952-001		2-31	4	635-5563-002		5-283	1
		2-43	2	635-5563-003		5-277A	1
		2-49	2			26-176	1
629-6953-001		16-7	1			31-109	1
629-6955-001		4-61	1	635-5563-004		5-283A	1
		4B-127	1			31-117	1
629-6957-003		31-105	1	635-5564-001		3-131	1
629-6961-001		2-59	1	635-5564-002		3-133	1
629-6961-002		2-62	1	635-5566-002		3-309	1
629-6961-003		2-61	1			4-59	3
629-6961-004		2-64	1			4A-35	3
629-6962-001		2-65	2			33-19	3
629-6962-003		2-65A	2	635-5574-001		19-9	1
629-6963-001		3-284	2			23-9	1
		3B-89	2	635-5575-001		1-8	1
629-6963-002		3-291	2			1-8A	1
		3B-91	2			1-8C	1
629-6964-001		3-214	1			1-8E	1
		3B-93	2			2-1A	RF
629-6964-002		3-212	1	635-5575-002		1-8D	1
		3-216	1			2-1C	RF
63PR103T636		3-18	1	635-5575-004		1-8B	1
		3-111	1			2-1B	RF
		3B-83	2	635-5575-005		1-8F	1
		5-225	1			2-1D	RF
		11-15	1	635-5575-006		1-8G	1
		11-128	1			2-1E	RF
		11A-15	1	635-5575-008		1-8H	1
		11A-128	1			2-1F	RF
		26-13	1	635-5576-001		3-307	1
		31-451	1	635-5576-003		33-3	1
63PR104T636		6-85	1	635-5577-001		4-55	1
		11-92	1			4A-13	1
		11A-92	1	635-5579-001		2-24	1
63PR202-636		6-86	1	635-5579-002		2-23	1
		11-31	1	635-5579-003		3-231	1
		11A-31	1			3B-97	1
63PR202T636		20-73	1	635-5579-004		4-18	1
		21-25	1			4B-147	1
63PR502T636		3-107	1	635-5580-005		3-234	1
		3-170	1			4B-151	1
		3B-81	1	635-5583-001		3-282	1
		5-163	1			3B-99	1
		26-149	1			4-10	1
		31-449	1			4B-129	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
635-5583-002		3-41	1	635-5715-001		8B-6	1
		3B-101	1			9-6	1
635-5583-003		4-82	1			9A-97	1
		4B-121	1			10-11	1
635-5584-001		4-148	1			11-38	1
		4B-125	1			11A-38	1
635-5585-001		4-149	1			12-28	1
		4B-123	1			13-36	1
635-5586-001		3-308	1			15-6	1
		4-56	1			24-76	1
		4A-29	1			24A-76	1
635-5586-002		3-310	1			28-31	1
		4-60	1			32-57	1
		4A-36	1	635-5716-001		3-124	1
635-5587-001		3-299	1	635-5718-002		2-12	1
635-5587-002		4-47	1			2-18	1
		4A-11	1	635-5729-001		16-50	2
635-5587-004		33-23	1	635-5730-001		16-42	1
635-5701-001		3-298	1	635-5731-001		2-36	1
		3A-3	1	635-5731-002		2-40	1
635-5702-001		4-44	1	635-5732-001		16-19	1
		4A-3	1	635-5732-002		16-61	1
635-5703-002		20-11	4	635-5732-003		16-28	1
		21-39	4	635-5732-004		16-53	1
		34-7	4	635-6147-001		2-4	2
635-5704-001		16-48	2	638-2877-001		2-78	1
635-5706-001		3-288	1	638-2877-002		2-81	1
		3B-103	1	638-2883-001		5-53	1
		32-45	1			26-136	1
635-5706-002		4-2	1			31-145	1
		4B-111	1	638-3049-001		5-305	1
635-5706-003		3-290	1	638-3049-002		5-305A	1
		3B-105	1			26-61	1
		4-4	1	638-3049-003		5-305B	1
		32-49	1			26-61A	1
635-5707-001		20-13	1			31-473	1
		20-14	1	638-7622-001		1-19	1
		20-40	1			24-1	RF
635-5708-001		3-252	1	638-7622-002		1-19A	1
		3-252	1			24A-1	RF
		3-255A	1	64P102		11-137B	1
		3-255A	1			11-137B	1
		3-268	1			11A-137	1
		3-268	1	64P103		7-112	1
635-5708-002		3B-109	2			7-112A	1
		3-255	1			7-112C	1
		3-255	1			8-50	1
		3-273	1			8A-50	1
		3-273	1			8B-57	1
		3B-111	1			9-58	1
635-5708-003		3B-113	1			9-58A	1
635-5709-001		3-281	1			9-58C	1
		3-281B	1			9-79	1
635-5709-002		3-281A	1			9-79A	1
635-5710-001		4-12	1			9-79C	1
		4B-71	1			10-112	1
635-5710-002		4B-71A	1			10-112D	1
635-5715-001		6-34	1			10-114	1
		7-84	1			10-114A	1
		8-6	1			10-114C	1
		8A-6	1			10-117	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
64P103		10-117A	1	641-0279-003		13-18D	1
		10-117C	1	641-0287-001		1-20	2
		11-137	1			1-20A	1
		11-141	1	641-0287-002		1-21	1
		11A-141	1	641-0287-003		1-22	2
		27-23	1			1-22A	1
64P202		7-51	1	641-0239-001		24-40	1
		7-51A	1			24A-38	1
		7-51C	1			28-13	1
		9-59	1	641-0289-002		24-40A	1
		9-59A	1			24A-38A	1
		9-59C	1			28-13A	1
		9-78	1	641-0482-001		5-294A	1
		9-78A	1			26-175	1
		9-78C	1			31-119	1
		10-110	1	641-0482-002		5-300A	1
		10-110A	1			31-127	1
		10-110C	1	641-8914-001		2-101	2
64P203		8-49	1	641-9698-001		3-90	1
		8-54	1			3B-115	1
		8A-49	1	641262-1		5-326	1
		8A-54	1			5-337	1
		8B-55	1			6-187	2
		8B-58	1			11A-179	1
		27-22	2	641268-1		13-8	1
64P501		7-52	1			24-45	1
		7-52A	1			24A-44	1
		7-52C	1	641268-2		5-291	1
		9-62	1	642-0571-002		5-17A	1
		9-62A	1			25-1A	RF
		9-62C	1			26-74B	1
		9-77	1	642-0759-001		9A-57A	1
		9-77A	1	642-0760-001		9A-51A	1
		9-77C	1	642-4201-001		1-6A	1
		10-111	1			1-6C	1
		10-111A	1			1-6E	1
		10-111C	1			3-1B	RF
64P502		8-53	1	642-4201-002		1-6G	1
		8A-53	1			3-1D	RF
		10-112A	1	642-4202-001		1-7A	1
		10-112B	1			4A-1	RF
		11-137A	1	642-4202-051		4A-37	1
64P503		6-104	1			4B-1	RF
		6-104A	1	642-4203-001		2-53B	1
		8B-64	1			26-1A	RF
		27-27	1	642-4203-002		2-53C	1
64W103		3-84A	1			26-1B	RF
		3-320	1	642-4204-001		1-9B	1
64W201		3-130	1			1-9C	1
		3-130A	1			1-9F	1
		3-130C	1			1-9J	1
64W502		3-62	1			6-1C	RF
		3-62A	1	642-4205-001		1-10B	1
		3-62C	1			1-10D	1
64X102		5-148	1			1-10F	1
64X201		5-148B	1			1-10G	1
		26-122	1	642-4205-002		1-10H	1
64X500		5-148A	1			7-1D	RF
641-0279-001		13-18A	1	642-4205-003		1-10J	1
641-0279-002		13-18B	1			7-1E	RF
		13-18C	1	642-4206-001		1-11C	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
642-4206-001		1-11D	1	642P104X9050		8B-67	1
		1-11G	1			8B-69	1
		1-11K	1			27-31	2
		1-11L	1			10-37A	1
642-4207-001		27-1	RF	642P105X2050		11-132	1
		1-12A	1			11A-132	1
		1-12D	1			9-35	1
		9-1B	RF			9A-81	1
642-4208-001		1-13B	1	642P105X5050		10-37	1
		1-13D	1			11-43	1
		1-13E	1			11-121	1
		1-13G	1			11A-43	1
642-4208-002		1-13J	1	642P105X9050		11A-121	1
		10-1C	RF			6-9	1
		1-13H	1			7-46	1
		10-1D	RF			9-9	1
642-4214-001		2-67B	1	646-8203-004		9A-11	1
		2-67G	1			2-53D	1
		16-1D	RF			31-1A	RF
		2-67E	1			2-53E	1
642-4214-002		16-1E	RF	646-8203-006		31-1B	RF
		2-67F	1			3-343	2
		16-1F	RF			3B-119	2
		2-26A	1			6-183	1
642-4215-001		2-26C	1	647-6472-001		12-29	2
		2-26D	1			13-49	2
		17-1C	RF			26-199	4
		2-26E	1			31-301	4
642-4215-003		17-1D	RF	647-9276-001		19-14B	1
		2-26F	1			5-262	2
		17-1E	RF			26-120	1
		3-300A	1			31-77	1
642-4218-001		20-1B	RF	6483-1R		2-3	1
		33-11	1			5-10	1
		34-1	RF			5-12	1
		4-48A	1			26-7	2
642-4218-002		4A-21	1	64903		31-11	2
		21-1B	RF			5-3	1
		1-19B	1			5-3	1
		28-1	RF			5-11	1
642-4219-001		25-1B	RF	64906		5-11	1
		26-74C	1			26-6	2
		31-177	1			26-6	2
		1-12B	1			31-9	2
642-4222-001		1-12E	1	651-2407-001		31-9	2
		1-12F	1			2-114	1
		9A-1	RF			2-102	1
		2-11E	1			2-110	1
642-4225-002		21-76A	1	651-2408-004		2-106	2
		3-84D	1			26-182A	1
		3B-117	1			2-118	1
		2-11D	3			2-125	1
642-9687-001		6-16	1	651-2409-001		5-290A	1
		6-58	1			26-103A	1
		11-14	1			31-453	1
		11-18	1			32-27	1
642P103X9200		11-45	1	651-2411-001		32-73	1
		8-43A	1			4B-197A	1
		8-44	1			23-20B	1
		8A-43A	1			5-284	RF
642P104X9050		8A-44	1	651-2443-001		26-150	RF
642P104X9050				651-2444-001			
642P104X9050				651-2444-002			
642P104X9050				652-5961-001			
642P104X9050				653-1638-001			
642P104X9050				653-2245-002			
642P104X9050				659-2619-001			
642P104X9050				659-8729-001			
642P104X9050				667-0298-010			

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
667-0298-010		31-303	RF	698-3R100KD		9A-45	2
668-0165-010		5-51	RF			11-133	1
		26-135	RF			11A-133	1
		31-155	RF			16-52	1
676-3535-001		3-325	1			16-54	1
676-7201-001		1-6H	1	698-3R100KF		7-44	1
		3A-1	RF			9-32	1
676-7201-051		3A-5	1			9-48	1
		3B-1	RF			9A-65	2
676-7466-001		6-185	1			10-49	1
		11A-39C	1			12-19B	1
		29-1	RF	705-0921-000		10-78A	RF
676-7468-001		7-117	1	705-0931-000		4B-157A	RF
		9A-115	2	705-0932-000		4B-189	RF
		30-1	RF	705-0942-000		4B-157B	RF
677-0035-000		5-272	RF	705-0948-000		4B-157C	RF
		5-273	RF			11-135	RF
		26-162	RF			11A-135	RF
		31-139	RF	705-0952-000		31-465	RF
677-1521-000		14-23	RF	705-0967-000		5-144	RF
677-1522-000		14-34	RF			26-114	RF
68-1660-26		26-4A	8			31-305	RF
		26-4A	8	705-0969-000		4-27A	RF
		31-5	8			4B-55	RF
		31-5	8	705-0973-000		20-71	RF
68-1660-40		2-13	2	705-0974-000		5-140	RF
		2-19	1			5-145A	RF
		2-54	4			26-86	RF
		2-115	2			31-307	RF
68NC2434-6-82		2-80	2	705-0983-000		9A-51B	RF
68NM26		5-113	2	705-0984-000		5-160	RF
		5-125	2			6-74A	RF
		5-134	2			9A-51	RF
		5-233	2			9A-51C	RF
		26-4	8			9A-57B	RF
68380		3-158A	1			11-42A	RF
		3-158C	1			11A-42	RF
		3-166A	1			26-144	RF
		3-166C	1			31-309	RF
		3-211A	1	705-0985-000		5-145	RF
		3-211C	1			9A-51D	RF
		3-263A	1			9A-57C	RF
		3-263C	1	705-0986-000		9A-57	RF
		4-77A	1			9A-57D	RF
		4-126A	1	705-0987-000		9A-57E	RF
		4-130A	1	705-0988-000		4B-193	RF
		4B-47	3			5-221	RF
68784		3-222B	1			9A-57F	RF
		3-245B	1			26-18	RF
		4-114A	1			31-311	RF
		4B-63	1	705-0989-000		9A-57G	RF
698-3R10KD		5-245	1	705-0995-000		5-146B	RF
		26-49B	1			26-115	RF
		31-221	1			31-313	RF
698-3R10KF		11-3	1	705-0996-000		5-136	RF
		11-97	1			5-165C	RF
		11A-3	1			5-174D	RF
		11A-97	1			6-74	RF
		12-19A	1			6-77A	RF
698-3R100KD		9-38	1			11-42	RF
		9-43	1			19-6	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-0996-000		21-15	RF	705-1025-000		3-84W	RF
		23-6	RF			7-54	RF
		25-17	RF	705-1026-000		3-84X	RF
		26-98	RF	705-1027-000		3-84Y	RF
		31-315	RF			31-463	RF
705-0998-000		5-136A	RF	705-1028-000		3-84Z	RF
		5-141	RF			24-2A	RF
		5-146	RF			24-4A	RF
		26-76	RF			24A-2	RF
		31-317	RF			24A-4	RF
705-1000-000		20-72	RF			28-24	RF
		27-13A	RF	705-1029-000		3-85	RF
705-1004-000		20-81	RF			9A-53	RF
705-1005-000		21-16	RF	705-1030-000		3-85A	RF
705-1010-000		3-84E	RF			20-78	RF
705-1011-000		3-84F	RF			21-23	RF
705-1012-000		3-84G	RF	705-1031-000		3-85B	RF
		6-88	RF	705-1032-000		3-85C	RF
		6-89	RF			6-63A	RF
		31-467	RF			6-181	RF
705-1013-000		3-84H	RF	705-1033-000		3-85D	RF
		7-105	RF	705-1034-000		3-85E	RF
		9-53	RF			6-83A	RF
		9A-95	RF			11-95A	RF
705-1014-000		3-84J	RF			11A-95	RF
		5-157	RF	705-1035-000		3-85F	RF
		26-165	RF			3-192	RF
		31-319	RF			3B-121	RF
705-1015-000		3-84K	RF	705-1036-000		3-85G	RF
		21-11	RF			9A-13A	RF
705-1016-000		3-84L	RF			19-8	RF
705-1017-000		3-84M	RF			23-8	RF
		5-223	RF	705-1037-000		3-85H	RF
		19-10	RF			6-75B	RF
		23-10	RF	705-1038-000		3-60	RF
		26-37	RF			3-66	RF
		31-321	RF			3-68	RF
705-1018-000		3-84N	RF			3-85J	RF
705-1019-000		3-84P	RF			3-112	RF
		4B-199A	RF			3-116	RF
		6-63	RF			3B-123	RF
705-1020-000		3-84R	RF			11-145B	RF
		4B-199B	RF			11A-145	RF
705-1021-000		3-84S	RF	705-1039-000		3-85K	RF
		10-122	RF	705-1040-000		3-85L	RF
		20-76	RF	705-1041-000		3-85M	RF
		32-265	RF			3-120	RF
705-1022-000		3-84T	RF			3-121	RF
		4-28A	RF			3B-125	RF
		4B-53	RF	705-1042-000		3-85N	RF
		4B-199C	RF	705-1043-000		3-85P	RF
		11-144	RF			19-17	RF
		11A-144	RF			23-16	RF
705-1023-000		3-84U	RF	705-1044-000		3-85R	RF
		6-80	RF			5-115A	RF
		11-32	RF			5-127	RF
		11A-32	RF			5-164	RF
705-1024-000		3-84V	RF			5-166	RF
		4-28	RF			5-167	RF
		4B-199D	RF			5-177	RF
		6-181A	RF			5-178	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-1044-000		5-212	RF	705-1044-000		25-4	RF
		5-214	RF			25-5	RF
		5-216	RF			25-28	RF
		5-218	RF			26-20	RF
		6-61	RF			27-29	RF
		6-76A	RF	705-1045-000		31-323	RF
		6-79	RF			3-58	RF
		6-91	RF			3-85S	RF
		6-94	RF			3B-127	RF
		6-98	RF			6-82A	RF
		6-119	RF	705-1046-000		3-85T	RF
		6-121	RF			5-214A	RF
		6-122	RF			8-59	RF
		6-123	RF			8A-59	RF
		6-131	RF			26-34	RF
		6-132	RF			31-325	RF
		6-135	RF	705-1047-000		3-85U	RF
		7-91	RF			3-85V	RF
		7-109	RF	705-1048-000		7-102A	RF
		8-27	RF			24-11A	RF
		8-46	RF			24-53A	RF
		8A-27	RF			24A-24	RF
		8A-46	RF			24A-45	RF
		8B-65	RF	705-1049-000		27-34A	RF
		8B-77	RF			28-15	RF
		9-55	RF	705-1050-000		3-85W	RF
		9-67	RF			3-85X	RF
		9-69	RF			10-109	RF
		9-70	RF	705-1051-000		3-85Y	RF
		9-74	RF			8B-28	RF
		9-82	RF			8B-29	RF
		9-88	RF			27-10	RF
		9A-19	RF	705-1052-000		3-85Z	RF
		10-98	RF			3-86	RF
		10-104	RF	705-1053-000		3-90A	RF
		10-107	RF			7-110	RF
		10-121	RF			8-48	RF
		11-68	RF			9-61	RF
		11-125	RF	705-1054-000		9A-25	RF
		11-146	RF			3-86A	RF
		11-156	RF			3-90B	RF
		11-160	RF	705-1055-000		3-86B	RF
		11-161	RF			3-90C	RF
		11-165	RF	705-1056-000		3-26	RF
		11-170	RF			3-27	RF
		11-172	RF			3-86C	RF
		11-173	RF			3-90D	RF
		11A-56A	RF			3B-129	RF
		11A-68	RF	705-1057-000		5-162	RF
		11A-125	RF			8-56	RF
		11A-146	RF			8A-56	RF
		11A-156	RF			10-116	RF
		11A-160	RF			11-171	RF
		11A-161	RF	705-1058-000		11A-171	RF
		11A-165	RF			26-161	RF
		11A-170	RF			31-327	RF
		11A-172	RF			3-86D	RF
		11A-173	RF			3-90E	RF
		13-43	RF			3-83A	RF
		19-7	RF			3-86E	RF
		23-7	RF			3-90F	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-1058-000		5-120	RF	705-1070-000		3-90U	RF
		5-123	RF			5-117	RF
		26-45	RF			5-122	RF
		31-329	RF			26-43	RF
705-1059-000		3-88G	RF			31-331	RF
		3-90G	RF	705-1071-000		3-90V	RF
		6-66	RF			7-102	RF
		6-82	RF			7-103	RF
		6-129	RF			9-52	RF
		6-130	RF			9-60	RF
		11-21	RF			9A-5	RF
		11A-21	RF	705-1072-000		3-90W	RF
705-1060-000		3-90H	RF			8-57	RF
		11-142	RF			8-60	RF
		11A-142	RF			8A-57	RF
705-1061-000		3-90J	RF			8A-60	RF
		4-31	RF			19-10A	RF
		4B-51	RF	705-1073-000		3-88H	RF
		6-64	RF			3-89A	RF
		6-128A	RF			3-90X	RF
705-1062-000		3-90K	RF			5-191A	RF
		11-53	RF			6-83	RF
		11-58	RF			8B-33	RF
		11A-53	RF			9-85	RF
		11A-58	RF			9A-79	RF
705-1063-000		3-90L	RF			10-119	RF
		3-195	RF			11-11	RF
		3B-131	RF			11-95	RF
		7-53	RF			11A-11	RF
		8-47A	RF			25-31	RF
		8A-47A	RF			25-36	RF
		8B-62	RF			25-39	RF
		9-84	RF			25-50	RF
		9-91	RF			25-51	RF
		9-98	RF			26-75	RF
		9A-31	RF			27-28	RF
		10-124	RF			31-333	RF
		27-26	RF	705-1074-000		3-90Y	RF
705-1064-000		3-90M	RF	705-1075-000		3-90Z	RF
		25-33	RF	705-1080-000		6-126	RF
705-1065-000		3-90N	RF			8-61	RF
705-1066-000		3-90P	RF			8A-61	RF
705-1067-000		3-90R	RF			11-44	RF
		6-90	RF			11A-44	RF
		8B-25	RF	705-1081-000		8B-23	RF
		9A-43	RF			10-108	RF
		11-94	RF			27-39	RF
		11A-94	RF	705-1082-000		6-65	RF
		27-15	RF	705-1084-000		10-126	RF
705-1068-000		3-90S	RF			11-26	RF
		6-75A	RF			11-162	RF
		11-19A	RF			11A-26	RF
		11A-19	RF			11A-162	RF
705-1069-000		3-7A	RF	705-1085-000		8B-32	RF
		3-7B	RF			25-4A	RF
		3-90T	RF			25-5A	RF
		3B-133	RF			27-32	RF
		6-87	RF	705-1087-000		9-86	RF
		11-20	RF			9A-77	RF
		11A-20	RF			10-125	RF
		32-267	RF	705-1089-000		11-147	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-1089-000		11A-147	RF	705-3535-870		34-65	RF
705-1090-000		7-106	RF	705-3535-910		32-135	RF
		9-56	RF	705-3537-080		34-67	RF
		9-81	RF	705-3537-090		32-137	RF
		9A-17	RF	705-3537-160		34-69	RF
		10-129	RF	705-3537-330		32-139	RF
705-1092-000		3-5A	RF	705-3537-430		32-141	RF
		3-71	RF			34-71	RF
		3-72	RF	705-3537-530		32-143	RF
		3-99	RF			34-73	RF
		3B-135	RF	705-3537-600		32-145	RF
		4-38	RF	705-3537-620		34-75	RF
		4B-19	RF	705-3537-650		32-147	RF
		5-116	RF	705-3537-660		32-149	RF
		5-119	RF			34-77	RF
		5-173A	RF	705-3537-750		32-151	RF
		5-222	RF	705-3537-880		32-153	RF
		5-224	RF	705-3537-920		32-155	RF
		6-101	RF	705-3537-940		32-157	RF
		6-109	RF	705-3537-980		32-159	RF
		6-117	RF	705-3538-140		32-161	RF
		6-118	RF			34-81	RF
		6-127	RF	705-3538-310		32-163	RF
		6-134	RF	705-3538-370		34-83	RF
		9-71	RF	705-3538-450		34-85	RF
		9-73	RF	705-3538-470		32-165	RF
		9-94	RF	705-3538-480		30-11	RF
		9A-59	RF	705-3539-140		32-167	RF
		11-140	RF			34-87	RF
		11-176	RF	705-3539-170		32-169	RF
		11A-140	RF	705-3539-510		32-171	RF
		11A-176	RF	705-3539-550		32-173	RF
		26-19	RF	705-3539-790		32-175	RF
		31-335	RF	705-3539-840		32-177	RF
705-1098-000		8B-24	RF	705-3539-860		32-179	RF
		8B-31	RF	705-3540-380		32-181	RF
		27-9	RF	705-3540-490		32-183	RF
705-1100-000		8B-26	RF	705-3543-010		34-89	4
		8B-27	RF	705-3600-290		13-41	RF
		27-11	RF	705-3600-330		13-31	RF
705-1115-000		9A-49	RF	705-3600-340		4B-185	RF
		11A-160A	RF	705-3600-570		10-79A	RF
705-3535-020		30-9	RF	705-3600-670		31-461	RF
		32-119	RF	705-3600-820		5-138	RF
		34-53	RF			26-87	RF
705-3535-030		32-121	RF			31-337	RF
705-3535-060		32-123	RF	705-3600-830		9A-51E	RF
705-3535-200		32-125	RF	705-3600-840		9A-51F	RF
		34-55	RF			9A-57H	RF
705-3535-230		32-127	RF	705-3600-850		9A-51G	RF
		34-57	RF			9A-57J	RF
705-3535-270		34-79	RF	705-3600-860		9A-51H	RF
705-3535-300		32-129	RF			9A-57K	RF
		34-59	RF	705-3600-870		9A-57L	RF
705-3535-330		32-131	RF	705-3600-880		9A-57M	RF
705-3535-420		30-13	RF	705-3600-890		9A-57N	RF
705-3535-510		32-133	RF	705-3600-900		3-200	RF
705-3535-590		34-61	RF			3B-137	RF
705-3535-730		34-63	RF	705-3604-150		6-75	RF
		35-3	RF	705-3605-020		5-146A	RF
		36-7	RF			11-102	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-3605-040		3-129	RF	705-3605-320		23-10A	RF
		3B-139	RF	705-3605-330		3-87B	RF
705-3605-080		10-89A	RF			5-211	RF
705-3605-090		4B-199E	RF			5-217	RF
705-3605-100		4B-199F	RF			6-124	RF
705-3605-110		4B-199G	RF			9A-63A	RF
		9A-67	RF			9A-73	RF
705-3605-120		7-89	RF			10-135	RF
		9-83	RF			11-99	RF
		9A-71	RF			11-153	RF
		10-120	RF			11A-99	RF
705-3605-130		4B-199H	RF			11A-153	RF
705-3605-140		3-86F	RF			26-17	RF
		4B-199J	RF			31-341	RF
		8-27A	RF	705-3605-340		3-87C	RF
		8A-27A	RF	705-3605-350		3-87D	RF
		8B-66	RF	705-3605-360		3-87E	RF
		10-123	RF	705-3605-370		3-87F	RF
		11-145	RF	705-3605-380		3-87G	RF
		27-30	RF	705-3605-390		3-87H	RF
705-3605-150		3-86G	RF			11-169	RF
		4B-199K	RF			11A-169	RF
		5-142	RF	705-3605-400		3-87J	RF
		9A-75	RF	705-3605-410		3-87K	RF
		11-19	RF	705-3605-420		3-87L	RF
		26-171	RF	705-3605-430		3-87M	RF
		31-339	RF			11-167	RF
705-3605-160		3-86H	RF			11A-167	RF
		4B-191	RF	705-3605-440		3-87N	RF
		19-23	RF	705-3605-450		3-87P	RF
		23-22	RF			6-60B	RF
		32-263	RF			6-120B	RF
705-3605-170		3-86J	RF	705-3605-460		3-87R	RF
		4B-199L	RF	705-3605-470		3-87S	RF
705-3605-180		3-86K	RF			5-161	RF
		4B-199M	RF			26-143	RF
705-3605-190		3-86L	RF			31-343	RF
		4B-199N	RF	705-3605-480		3-87T	RF
705-3605-200		3-86M	RF	705-3605-490		3-87U	RF
		4B-199P	RF	705-3605-500		3-87V	RF
705-3605-210		3-86N	RF	705-3605-510		3-87W	RF
		4B-199Q	RF			20-80	RF
705-3605-220		3-86P	RF			21-12	RF
		4B-199R	RF	705-3605-520		3-87X	RF
705-3605-230		3-86R	RF	705-3605-530		3-87Y	RF
		4B-199S	RF			11-168	RF
705-3605-240		3-86S	RF			11A-168	RF
705-3605-250		3-86T	RF	705-3605-540		3-87Z	RF
		4B-199T	RF	705-3605-550		3-88	RF
705-3605-260		3-86U	RF	705-3605-560		3-88A	RF
		4B-199U	RF			3-91	RF
705-3605-270		3-86V	RF			5-174A	RF
		4B-199V	RF			26-99	RF
705-3605-280		3-86W	RF	705-3605-570		3-88B	RF
		10-123A	RF			3-91A	RF
		11-145A	RF	705-3605-580		3-88C	RF
705-3605-290		3-86X	RF			3-91B	RF
705-3605-300		3-86Y	RF			10-96A	RF
705-3605-310		3-87	RF			10-97A	RF
		6-92	RF	705-3605-590		3-88D	RF
705-3605-320		3-87A	RF			3-91C	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-3605-600		3-88E	RF	705-3605-760		13-41A	RF
		3-91D	RF			20-79	RF
705-3605-610		3-88F	RF			21-19	RF
		3-91E	RF	705-3605-770		3-91Z	RF
705-3605-620		3-88J	RF			6-93	RF
		3-91F	RF	705-3605-780		3-92	RF
		5-117A	RF	705-3605-790		3-92A	RF
		8-48A	RF	705-3605-800		6-62A	RF
		8A-48	RF			6-63B	RF
		8B-63	RF			8-58	RF
		9A-89	RF			8A-58	RF
		11-71	RF			11-2	RF
		11A-71	RF			11-151	RF
		11A-102	RF			11-152	RF
		25-22	RF			11A-2	RF
		26-78	RF			11A-151	RF
		27-25	RF			11A-152	RF
		31-345	RF			13-31A	RF
705-3605-630		3-91G	RF	705-3605-810		3-84B	RF
		11-56	RF			3-89	RF
		11A-56	RF			3-196	RF
		25-29	RF			3B-145	RF
705-3605-640		3-61	RF			4-39	RF
		3-91H	RF			4B-17	RF
		3-190	RF			5-118A	RF
		3B-141	RF			5-215	RF
		7-104	RF			7-74	RF
		9-51	RF			7-79	RF
		9A-93	RF			9-87	RF
705-3605-650		3-91J	RF			9A-83	RF
		5-118	RF			10-106	RF
		5-121	RF			11-120	RF
		26-44	RF			11-122	RF
		31-347	RF			11-136	RF
705-3605-660		3-91K	RF			11A-120	RF
705-3605-670		3-84C	RF			11A-122	RF
		3-91L	RF			11A-136	RF
		10-99	RF			26-169	RF
705-3605-680		3-91M	RF			31-353	RF
705-3605-690		3-91N	RF	705-3605-830		11-157	RF
705-3605-700		3-91P	RF			11A-157	RF
		10-118	RF			9-92	RF
		11-130	RF	705-3605-870		9-93	RF
		11A-130	RF			9A-91	RF
705-3605-710		3-91R	RF	705-3605-880		19-17A	RF
		26-99A	RF	705-3605-890		6-78	RF
705-3605-720		3-91S	RF			11-28	RF
		3-101	RF			11A-28	RF
		3-102	RF	705-3605-910		6-60	RF
		3B-143	RF			6-60A	RF
705-3605-730		3-91T	RF			6-120	RF
		5-174B	RF			6-120A	RF
		26-99B	RF			11-46	RF
		31-349	RF			11-80	RF
705-3605-740		3-91U	RF			11A-46	RF
		5-159	RF			11A-80	RF
		26-145	RF	705-5973-980		5-115	RF
		31-351	RF			5-195	RF
705-3605-750		3-91V	RF			26-46	RF
705-3605-760		3-88K	RF			31-355	RF
		3-91W	RF	705-5974-120		5-184	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-5974-120		5-188	RF	705-5975-610		31-367	RF
		26-51	RF	705-5975-730		5-228	RF
		31-357	RF			26-72	RF
705-5974-660		5-191	RF			31-369	RF
		5-193	RF	705-5975-810		5-179	RF
		26-47	RF			5-182	RF
		31-359	RF			26-53	RF
705-5974-700		9-63	RF	705-5975-870		31-371	RF
		9-64	RF			5-204	RF
		9-75	RF			5-206	RF
		9-76	RF			11-65	RF
		9A-37	RF			11-76	RF
705-5974-880		5-111	RF			11-108	RF
		5-128B	RF			11A-65	RF
		5-165B	RF			11A-76	RF
		5-194	RF			11A-108	RF
		26-39	RF			26-68	RF
		26-189A	RF			31-373	RF
		31-361	RF	705-5975-910		11-111	RF
705-5974-900		11-70	RF			11A-111	RF
		11A-70	RF	705-5975-990		5-209	RF
705-5974-940		11-64	RF			5-227	RF
		11A-64	RF			11-100	RF
705-5975-030		9-80A	RF			11A-100	RF
		9A-63	RF			26-21	RF
		10-113	RF			31-375	RF
705-5975-130		11-124	RF	705-5976-060		5-186	RF
		11-127	RF			5-187	RF
		11A-124	RF			11-110	RF
		11A-127	RF			11A-110	RF
705-5975-150		5-110	RF			26-52	RF
		5-196	RF			31-377	RF
		5-199	RF	705-5976-280		5-190	RF
		5-230	RF			5-192	RF
		26-42	RF			26-48	RF
		31-363	RF			31-379	RF
705-5975-290		7-111	RF	705-5976-320		5-203	RF
		9-57	RF			26-71	RF
		9-80	RF			31-381	RF
		9A-13	RF	705-5976-340		11-74	RF
705-5975-470		5-128A	RF			11A-74	RF
		5-165A	RF	705-5976-400		5-174C	RF
		5-185	RF			5-174E	RF
		5-231	RF			26-108	RF
		5-235	RF			31-383	RF
		10-100	RF	705-5976-460		5-207	RF
		10-134	RF			26-22	RF
		11-116	RF			31-385	RF
		11-118	RF	705-5976-520		11-109	RF
		11A-116	RF			11A-109	RF
		11A-118	RF	705-5976-580		5-202	RF
		26-38	RF			5-205	RF
		26-189	RF			26-70	RF
		31-365	RF			31-387	RF
705-5975-590		11-63	RF	705-5976-700		11-106	RF
		11-107	RF			11A-106	RF
		11A-63	RF	705-5976-780		5-201	RF
		11A-107	RF			5-229	RF
705-5975-610		5-197	RF			26-73	RF
		5-198	RF			31-389	RF
		26-41	RF	705-5976-840		5-226	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
705-5976-840		26-69	RF	745-0701-000		3-152	RF
		31-391	RF			3-173	RF
705-5977-290		5-180	RF			3-175	RF
		5-183	RF			3-183	RF
		26-54	RF			3-227	RF
		31-393	RF			3-244	RF
705-5977-410		11-123	RF			4-40	RF
		11-126	RF			4-86	RF
		11A-123	RF			4-117	RF
		11A-126	RF			4-118	RF
714-1135-420		3-135	RF			4-123	RF
		3-135A	RF			4-139	RF
		3B-147	RF			4B-13	RF
7202-1572-102		3-232	1			5-168	RF
		4B-149	1			21-76K	RF
724-0638-650		3-327A	RF			26-158	RF
724-0639-410		3-333D	RF			31-395	RF
7356		4-72	1	745-0704-000		21-76L	RF
		4B-69	1	745-0707-000		14-8	RF
7357		3-235	1			14-11	RF
		3B-41	1			21-76M	RF
		32-85	1	745-0712-000		7-108	RF
74HC02D		34-27	1			9-54	RF
74HC10D		34-29	1			9-89	RF
74HC132D		32-89	1			9A-7	RF
		34-31	1	745-0713-000		5-189A	RF
74HC191D		34-37	3			7-67B	RF
74HC390D		34-35	1			7-67C	RF
74HC74D		32-221	1			10-79	RF
7403-09FR60		31-87	3			10-88A	RF
7405-1521-102		32-75	1			10-103	RF
741		6-173C	1			10-105	RF
		7-7B	1			10-136	RF
		9-99	56			13-35	RF
		10-39B	28			24-49	RF
		11-179	3			26-55	RF
		11A-40	1			31-397	RF
741RM		5-250	1	745-0719-000		21-75	RF
		5-252	1			21-75A	RF
		20-75	1			21-77	RF
		20-75B	1			21-77A	RF
		21-26B	1	745-0725-000		21-59	RF
		26-91C	2			21-59A	RF
		31-241	2			21-60	RF
745-0677-000		6-125	RF			21-60A	RF
		10-78	RF	745-0728-000		3-194	RF
		14-3	RF			4-27	RF
		14-4	RF			14-6	RF
		21-76B	RF			18-8A	RF
745-0680-000		21-76C	RF	745-0733-000		27-24	RF
745-0683-000		14-37	RF	745-0734-000		3-281C	RF
		14-39	RF			14-14	RF
		21-76D	RF	745-0737-000		3-80A	RF
745-0686-000		21-76E	RF			5-128	RF
745-0689-000		21-76F	RF			5-139	RF
745-0691-000		12-12	RF			18-22	RF
		12-13	RF			20-84	RF
745-0692-000		21-76G	RF			20-84A	RF
745-0695-000		21-76H	RF			21-5	RF
745-0698-000		21-76	RF			21-5A	RF
		21-76J	RF			22-14	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
745-0737-000		26-92	RF	745-0767-000		4B-59	RF
		31-399	RF			14-9	RF
745-0740-000		3-80B	RF			14-22	RF
745-0742-000		3-281D	RF			18-4	RF
		3-355	RF			18-9	RF
745-0743-000		3-80C	RF			21-18	RF
		5-189	RF			21-18A	RF
		18-8	RF			21-30	RF
		20-57	RF			21-30A	RF
745-0746-000		3-80D	RF			24-2	RF
		20-60	RF			24-4	RF
		20-60A	RF	745-0770-000		3-139	RF
745-0748-000		3-351	RF			3-176	RF
745-0749-000		3-9	RF			3-184	RF
		3-56	RF			4-104	RF
		3-80E	RF			4-131	RF
		3-96	RF			4-141	RF
		3-193	RF			4B-37	RF
		3-220A	RF			4B-197	RF
		4-26	RF			20-51	RF
		4B-57	RF			20-51A	RF
		7-63	RF	745-0773-000		3-143	RF
		7-107	RF			3-160	RF
		10-88	RF			3-165	RF
		10-103A	RF			3-203	RF
		10-127	RF			3-206	RF
		10-128	RF			3-209	RF
		10-141	RF			3-236	RF
		11-54	RF			3-260	RF
		11A-54	RF			4-79	RF
		13-42	RF			4-84	RF
		16-31A	RF			4-98	RF
		18-10	RF			4-103	RF
		20-50A	RF			4-107	RF
		20-50B	RF			4-135	RF
745-0752-000		3-80F	RF			4B-49	RF
		5-137	RF			5-150	RF
		5-172	RF			5-151	RF
		5-173	RF			5-152	RF
		5-173B	RF			5-210	RF
		26-113	RF			5-219	RF
		31-401	RF			5-220	RF
745-0755-000		3-80G	RF			6-73	RF
		10-89	RF			14-7	RF
745-0758-000		3-79B	RF			14-15	RF
		3-80H	RF			14-20	RF
		14-10	RF			22-3	RF
745-0761-000		3-80J	RF			22-7	RF
		21-2	RF			26-36	RF
		21-2A	RF			31-403	RF
		21-71	RF	745-0776-000		3-225	RF
		21-71A	RF			3-251	RF
745-0764-000		3-80K	RF			3-269	RF
		3-220	RF			3-293	RF
		4-34	RF			4-74	RF
		4B-27	RF			4B-67	RF
745-0767-000		3-79A	RF			16-32	RF
		3-199	RF			20-49	RF
		3-280	RF			20-49A	RF
		3-280A	RF			20-50	RF
		4-23	RF			20-70	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
745-0776-000		20-70A	RF	745-0785-000		8A-28	RF
		20-85	RF			8A-38	RF
		20-85A	RF			8A-40	RF
		20-86	RF			8A-55	RF
		20-86A	RF			8B-21	RF
		21-24	RF			8B-30	RF
		21-24A	RF			8B-36	RF
		4-89	RF			8B-37	RF
		4B-93	RF			8B-42	RF
		7-72	RF			8B-43	RF
745-0779-000		7-73	RF			8B-44	RF
		10-132	RF			8B-53	RF
		10-133	RF			8B-54	RF
		21-32	RF			8B-59	RF
		21-32A	RF			8B-60	RF
		3-4	RF			8B-61	RF
		3-7	RF			8B-68	RF
		3-17	RF			8B-76	RF
		3-22	RF			9-65	RF
		3-29	RF			9-66	RF
745-0785-000		3-51	RF			9-68	RF
		3-57	RF			9A-47	RF
		3-65	RF			10-75A	RF
		3-75	RF			10-80	RF
		3-76	RF			10-90	RF
		3-77	RF			10-137	RF
		3-78	RF			10-140A	RF
		3-172	RF			10-142	RF
		3-174	RF			10-147	RF
		3-177	RF			11-27	RF
		3-197	RF			11-96	RF
		3-242	RF			11-164	RF
		4-19	RF			11-166	RF
		4-24	RF			11A-27	RF
		4-108	RF			11A-96	RF
		4-122	RF			11A-164	RF
		4-132	RF			11A-166	RF
		4B-5	RF			16-31	RF
		5-149	RF			18-3	RF
		5-156	RF			18-24	RF
		5-158	RF			20-55	RF
		6-72	RF			20-55A	RF
		6-76	RF			20-56	RF
		6-77	RF			20-56A	RF
		6-97	RF			22-2	RF
		6-107	RF			22-4	RF
		7-57A	RF			24-8	RF
		7-59	RF			24-12	RF
		7-66	RF			24-24	RF
		7-67A	RF			24-25	RF
		7-80	RF			24-27	RF
		8-10	RF			24-30	RF
		8-15	RF			24-32	RF
		8-24	RF			24-36	RF
		8-28	RF			24-52	RF
		8-38	RF			24-55	RF
		8-40	RF			24-65	RF
		8-55	RF			24A-6	RF
		8A-10	RF			24A-12	RF
		8A-15	RF			24A-25	RF
		8A-24	RF			24A-26	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
745-0785-000		24A-28	RF	745-0809-000		3-23	RF
		24A-31	RF			3-45	RF
		24A-33	RF			3-46	RF
		24A-36	RF			3-105	RF
		24A-51	RF			4-41	RF
		26-93	RF			4-42	RF
		27-6	RF			4-143	RF
		28-2	RF			4B-11	RF
		31-405	RF			5-153	RF
745-0788-000		3-50	RF			5-155	RF
745-0791-000		3-6	RF			5-213	RF
		3-83B	RF			6-62	RF
		16-35	RF			6-95	RF
745-0797-000		3-44	RF			6-133	RF
		3-64	RF			7-58	RF
		6-70	RF			7-61	RF
		6-108	RF			7-72A	RF
		6-110	RF			7-72B	RF
		7-71	RF			10-83	RF
		7-81	RF			10-85	RF
		7-88	RF			10-90A	RF
		7-94	RF			10-95	RF
		7-98	RF			10-102	RF
		8-47	RF			10-145	RF
		8A-47	RF			10-146	RF
		10-77	RF			11-57	RF
		10-81	RF			11-60	RF
		10-96	RF			11-154	RF
		10-96B	RF			11-155	RF
		10-97	RF			11-159	RF
		10-97B	RF			11A-57	RF
		10-130	RF			11A-60	RF
		16-34	RF			11A-154	RF
		20-53	RF			11A-155	RF
		20-53A	RF			11A-159	RF
		20-54	RF			13-9	RF
		20-54A	RF			20-48	RF
745-0798-000		7-55	RF			20-48A	RF
745-0800-000		3-14	RF			20-95	RF
		3-185	RF			26-33	RF
		5-175	RF			31-409	RF
		13-11	RF			31-411	RF
		13-34	RF	745-0812-000		5-174	RF
		26-109	RF			5-174F	RF
		31-407	RF			5-174G	RF
745-0803-000		7-77	RF			5-174H	RF
		7-78	RF			5-174J	RF
		10-86	RF			5-179A	RF
		10-87	RF			5-245A	RF
		24-29	RF			5-245B	RF
		24A-30	RF			6-67	RF
		28-11	RF			6-68	RF
745-0806-000		7-60	RF			6-69	RF
		10-74	RF			6-71	RF
745-0808-000		21-48	RF			6-96	RF
		21-48A	RF			6-99	RF
		21-50	RF			6-100	RF
		21-50A	RF			6-102	RF
745-0809-000		3-12	RF			6-103	RF
		3-13	RF			6-105	RF
		3-16	RF			6-106	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
745-0812-000		6-112	RF	745-0821-000		8B-74	RF
		6-113	RF			9-72	RF
		6-114	RF			9-90	RF
		6-115	RF			9-95	RF
		6-116	RF			9A-61	RF
		6-128	RF			10-82	RF
		6-136	RF			10-84	RF
		8-23	RF			10-93	RF
		8A-23	RF			10-101	RF
		27-38	RF			10-131	RF
745-0815-000		6-81	RF			10-139	RF
745-0816-000		7-56	RF			10-143	RF
745-0818-000		10-94	RF			10-148	RF
		24-10	RF			11-73	RF
		24-15	RF			11A-73	RF
		24-42	RF			13-32	RF
		24-58	RF			24-5	RF
745-0821-000		24A-10	RF			24-9	RF
		24A-14	RF			24-13	RF
		28-5	RF			24-23	RF
		3-5	RF			24-46	RF
		3-11	RF			24-47	RF
		3-43	RF			24-59	RF
		3-48	RF			24-60	RF
		3-70	RF			24A-7	RF
		3-81	RF			24A-13	RF
		3-84	RF			24A-46	RF
		3-98	RF			26-24	RF
		3-151	RF			27-3	RF
		3-238	RF			28-4	RF
		3-248	RF			31-413	RF
		3-265	RF	745-0830-000		3-24	RF
		3-278	RF	745-0833-000		3-118	RF
		3-286	RF			7-76	RF
		3-296	RF			8B-75	RF
		3-337	RF			27-24A	RF
		4-75	RF	745-0839-000		3-2	RF
		4-142	RF			11-8	RF
		4B-35	RF			11A-8	RF
		5-176	RF	745-0845-000		5-169	RF
		5-200	RF			5-170	RF
		5-208	RF			5-171	RF
		6-111	RF			26-156	RF
		7-64	RF			31-415	RF
		7-65	RF	745-0854-000		7-57	RF
		7-70	RF			7-67	RF
		7-75	RF			10-75	RF
		7-90	RF			10-115	RF
		7-93	RF			10-140	RF
		7-96	RF			11-79	RF
		7-97	RF			11A-79	RF
		7-99	RF	745-0857-000		24-6	RF
		7-100	RF			24-11	RF
		7-101	RF			24-54	RF
		8-19	RF			24-64	RF
		8-39	RF			24A-5	RF
		8-62	RF			24A-11	RF
		8A-19	RF			28-6	RF
		8A-39	RF	745-0893-000		5-181	RF
		8A-62	RF			13-10	RF
		8B-15	RF			24-51	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
745-0893-000		24A-50	RF	747-2178-010		5-195A	RF
		26-106	RF	747-2178-090		26-111	RF
		28-19	RF			31-423	RF
		31-417	RF	747-2180-010		5-154	RF
745-1324-000		12-23	RF			26-134	RF
		24-37	RF			31-425	RF
745-1345-000		12-24	RF	747-4230-010		7-62	RF
745-1370-000		7-68	RF			10-144	RF
		7-69	RF	747-5345-000		5-165	RF
		10-76	RF			26-100	RF
		10-138	RF			31-427	RF
745-1863-170		3-349	RF	747-5417-000		2-129	RF
745-1863-360		29-15	RF	747-5485-000		5-143	RF
		30-25	RF			5-143A	RF
745-1863-570		3-345	RF			26-121	RF
745-1863-730		25-47	RF			26-121A	RF
		25-54	RF			31-429	RF
745-2268-000		3-347	RF	747-5553-000		5-147	RF
745-2283-000		5-129	RF			26-123	RF
		5-130	RF			31-431	RF
		5-131	RF	747-8156-040		5-112	RF
		5-132	RF			5-124	RF
		26-77	RF			5-133	RF
		31-419	RF			5-232	RF
745-2304-000		24A-48	RF			26-3	RF
		28-18	RF			31-3	RF
745-2344-000		8B-72	RF	757-0269-002		16-12C	1
		27-13	RF	76SB05S		8-31	1
745-2377-000		24A-53	RF	760-1R10K		5-307	1
		24A-65	RF			26-65	1
		28-21	RF			31-223	1
745-2380-000		8B-73	RF	760-1R56K		5-287	1
		10-26F	RF	760-3R10K		25-27	1
		10-26L	RF	760-3R100K		10-17	1
		27-34	RF			25-25	1
745-2389-000		10-91	RF			25-37	1
		10-91A	RF	760-3R47K		13-23	1
		10-92	RF	76046-001		31-459	1
		10-92A	RF	761-1R27K		16-5	1
745-2392-000		6-136A	RF	761-3R220		5-249	1
		6-172A	RF			26-112	1
		6-172B	RF			31-225	1
		6-172C	RF	761-5321-028		3-288A	17
		6-172D	RF			3B-13	17
745-2404-000		26-59	RF			4-2A	14
		26-190	RF			4B-117	14
		26-191	RF			32-55	17
		31-421	RF	763-0889-002		6-174	2
745-2410-000		24A-41	RF			11-40	2
		24A-55	RF			6-177A	4
		28-16	RF	76602-102		16-70A	5
745-2413-000		24A-8	RF			16-70B	6
		24A-9	RF	768-3178-001		2-94	4
		24A-56	RF			2-105	4
		24A-61	RF	768-3179-001		2-93	2
		24A-62	RF	768-3386-003		2-89	1
		28-3	RF			2-107	1
745-2449-000		24A-52	RF	768-3387-005		2-90	1
		24A-64	RF	768-3387-021		2-108	1
		28-20	RF	768-7354-001		4-16	1
745-3331-000		14-26	RF			4B-141	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
797-7253-004		26-194	1	8109A0440-16		31-153	3
8FR84		3-158D	1	8110A0440-16		16-10	2
		3-166D	1	8131-100C0G222J		6-11	1
		3-211D	1			6-11A	1
		3-222C	1			6-12	1
		3-245C	1			6-12A	1
		3-263D	1			11-33	1
		3B-61	6			11-33A	1
		4B-47A	3			11-34	1
		4B-63A	1			11-34A	1
8L05A		34-19	1			11A-33	1
8024EKP102		11-137B	1			11A-33A	1
8024EKP103		7-112C	1			11A-34	1
		8-50	1			11A-34A	1
		8A-50	1	8131M050Z5U105M		5-57	1
		8B-57	1			5-57A	1
		9-58C	1			5-59	1
		9-79C	1			5-59A	1
		10-112	1			5-74B	1
		10-112D	1			5-74C	1
		10-114C	1			5-74F	1
		10-117C	1			11-129A	1
		11-141	1			11-129B	1
8024EKP202		7-51C	1			11A-129	1
		9-59C	1			11A-129A	1
		9-78C	1			26-166	3
		10-110C	1			26-166A	3
8024EKP203		8-49	1			31-433	3
		8-54	1	82-35-295-15		2-83	1
		8A-49	1			2-119	1
		8A-54	1	82S181BJA		31-475	1
		8B-55	1	82S181CJA		31-475	1
		8B-58	1	822-0760-001		1-2A	RF
8024EKP501		7-52C	1	822-0760-002		1-2B	RF
		9-62C	1	822-0760-003		1-2C	RF
		9-77C	1	822-0760-004		1-2D	RF
		10-111C	1	822-0760-005		1-2W	RF
8024EKP502		8-53	1	822-0760-006		1-2E	RF
		8A-53	1	822-0760-007		1-2S	RF
8024EKP503		6-104	1	822-0761-001		1-2F	RF
		8B-64	1	822-0761-002		1-2G	RF
8024EKW103		3-84A	1	822-0761-003		1-2H	RF
8024EKW201		3-130C	1	822-0761-004		1-2J	RF
8024EKW502		3-62C	1	822-0761-005		1-2K	RF
8024EKX102		5-148	1	822-0761-006		1-2L	RF
8024EKX201		5-148B	1	822-0761-007		1-2M	RF
8024EKX500		5-148A	1	822-0761-008		1-2N	RF
8101A112C0H479C		4B-87	1	822-0761-009		1-2P	RF
		21-6B	1	822-0761-010		1-2Q	RF
		21-6B	1	822-0761-011		1-2R	RF
		21-69B	1	822-0761-012		1-2X	RF
		21-69B	1	822-0761-013		1-2Y	RF
8101A112C0J229C		4B-91	1	822-0761-101		1-2Z	RF
8101A112C0K189C		4-62A	1	822-0762-002		1-2U	RF
		4B-91A	1	822-0762-003		1-2T	RF
		19-20A	1	822-0762-005		1-2V	RF
8106A0440-16		5-17E	2	827-1075-001		3-371	1
		5-56	3			3B-193	1
		26-74F	2	827-1076-000		3-228A	1
		31-187	2	827-1076-001		3B-195	1
8109A0440-16		26-139	3	827-1077-001		3-131A	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
827-1077-001		3B-197	1	828-6050-300		3B-179	14
827-2620-001		4B-131A	1	828-6050-380		3B-181	1
828-0161-002		1-6J	1	828-6050-400		3B-183	1
		32-1	RF	828-6050-460		3B-185	1
828-2709-001		32-23	1	829-0178-002		1-3C	1
		35-1	RF	829-0179-002		1-3D	1
828-2710-001		32-21	1	829-0180-002		1-3E	1
		36-1	RF	830-2874-001		4B-155	1
828-6048-220		3B-149	6	831-3053-001		34-111	1
828-6048-340		21-75B	1	831-3154-001		32-223	1
		21-77B	1	833-5515-010		29-9	RF
828-6048-400		21-59B	1	833-5515-020		30-15	RF
		21-60B	1	833-5515-030		30-17	RF
828-6048-440		3B-151	1	833-6048-570		4B-199W	RF
		18-8B	1	833-6048-580		4B-199X	RF
828-6048-510		18-10A	1	833-6048-590		4B-187	RF
		18-22A	1			4B-199Y	RF
		20-84B	1	833-6048-600		4B-199Z	RF
		21-5B	1	833-6048-610		4B-201A	RF
		22-14A	1	833-6048-620		4B-201B	RF
828-6048-550		3B-153	2	833-6048-630		4B-201C	RF
828-6048-570		20-60B	1	833-6048-670		4B-201D	RF
828-6048-590		3B-155	5	833-6048-690		4B-201E	RF
		20-50C	1	833-6048-730		4B-201F	RF
		20-86B	1	833-6048-750		4B-201G	RF
828-6048-690		21-2B	1	833-6048-770		4B-201H	RF
		21-71B	1	833-6051-090		3B-191	RF
828-6048-730		3B-157	1	833-6051-300		3B-187	RF
828-6048-750		3B-159	2	833-6051-770		3B-189	RF
		18-4A	1	833-6626-320		32-187	RF
		21-18B	1	834-2008-100		34-91	RF
		21-30B	1	834-2008-120		32-189	RF
828-6048-770		3B-161	3	834-2008-140		32-191	RF
		20-51B	1			34-93	RF
828-6048-790		22-3A	1	834-2008-150		34-135	RF
		22-7A	1	834-2008-190		34-95	RF
828-6048-800		3B-163	8	834-2008-220		32-193	RF
828-6048-820		3B-165	4	834-2008-230		32-195	RF
		20-49B	1	834-2008-240		32-197	RF
		20-70B	1	834-2008-310		32-199	RF
		20-85B	1	834-2008-390		32-201	RF
		21-24B	1	834-5005-130		34-97	RF
828-6048-840		21-32B	1	834-5005-250		32-203	RF
828-6050-010		3B-167	17			34-99	RF
		18-3A	1	834-5005-570		32-205	RF
		18-24A	1			34-101	RF
		20-55B	1	834-5005-790		34-103	RF
		20-56B	1	834-5005-950		34-105	RF
		22-2A	1	834-5005-990		30-19	RF
		22-4A	1	834-5008-120		32-207	RF
828-6050-030		3B-169	1	834-5076-010		3-110C	RF
828-6050-050		3B-171	2			3B-199	RF
828-6050-110		3B-173	2	834-5082-390		32-185	RF
		20-53B	1	834-9008-010		32-209	RF
		20-54B	1			35-5	RF
828-6050-150		3B-175	2			36-9	RF
828-6050-220		3B-177	7	835-0085-220		26-79B	RF
		20-48B	1			31-35	RF
		20-95A	1	835-0088-010		34-107	RF
		21-48B	1	835-0096-040		32-211	RF
		21-50B	1	835-0168-010		6-139B	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
835-0168-010		6-141B	RF	86418-5		9-19	1
835-0191-020		32-213	RF			9A-109	1
835-0202-020		32-215	RF			26-186	2
835-0234-020		29-11	RF			31-293	2
		30-21	RF	86418-7		6-157	1
835-0247-010		34-109	RF			8-45	1
835-0274-010		32-217	RF			8A-45	1
835-1608-010		32-219	RF			8B-52	1
835-2012-040		34-112	RF			10-28	1
835-3607-030		34-133	RF			10-51	1
835-3706-020		32-221	RF			11-16	1
835-5866-080		32-224	RF			11-113	1
841-85		16-3A	1			11A-16	1
		16-18A	1			11A-113	1
843-3000-010		3-158D	RF			24-26	1
		3-166D	RF			24-43	1
		3-211D	RF			24A-27	1
		3-222C	RF			24A-42	1
		3-245C	RF			27-46	1
		3-263D	RF			28-35	2
		3B-61	RF	87476-6		3-34	1
		4B-47A	RF			3-313	1
		4B-63A	RF			3B-71	1
843-9005-010		26-83B	RF			17-2	1
		31-31	RF			32-109	1
		31-45	RF	87476-8		17-3	1
843-9113-010		34-113	RF	87478-7		4-9	1
844-2001-050		35-7	RF			4B-95	1
		36-11	RF	87478-8		5-101	1
84862		20-47	1			26-185	1
		20-47A	1			31-295	1
84863		21-52	1	9-7128-06		22-12	1
		21-52A	1	9-7193-060		23-2	1
849-0002-330		34-115	RF	9C12063A10R0FKR		32-167	6
849-0014-020		35-11	RF			32-167	6
		36-13	RF			34-87	2
849-0025-050		32-225	RF			34-87	2
		34-117	RF	9C12063A10R7FKR		32-169	1
849-0025-130		32-227	RF			32-169	1
849-0025-170		32-229	RF	9C12063A1001FKR		32-125	10
849-0025-190		34-119	RF			32-125	10
849-0025-240		32-231	RF			34-55	2
849-0025-250		32-233	RF			34-55	2
		34-121	RF	9C12063A1002FKR		30-9	1
849-0025-370		34-123	RF			30-9	1
849-0025-480		32-235	RF			32-119	24
849-2502-010		32-237	RF			32-119	24
84916		8-21	1			34-53	9
		8-21A	1			34-53	9
		8A-21	1	9C12063A1003FKR		32-123	1
		8A-21A	1			32-123	1
		8B-20	1	9C12063A1102FKR		32-153	1
		8B-20A	1			32-153	1
		27-8	1	9C12063A1211FKR		34-67	1
		27-8A	1			34-67	1
850-0011-010		32-239	RF	9C12063A1212FKR		34-79	1
852-3001-020		32-241	RF			34-79	1
86418-5		5-87	1	9C12063A1241FKR		32-137	1
		5-100	1			32-137	1
		6-140	1	9C12063A1242FKR		32-155	1
		7-92	1			32-155	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
9C12063A1302FKR		32-157	3	9C12063A53R6FKR		32-177	2
		32-157	3	9C12063A5491FKR		32-147	1
9C12063A1471FKR		34-69	1			32-147	1
		34-69	1	9C12063A56R2FKR		32-179	1
9C12063A1472FKR		32-159	1			32-179	1
		32-159	1	9C12063A5621FKR		32-149	1
9C12063A1960FKR		32-181	1			32-149	1
		32-181	1			34-77	3
9C12063A2002FKR		32-121	2			34-77	3
		32-121	2	9C12063A6810FKR		34-65	1
9C12063A2101FKR		30-13	2			34-65	1
		30-13	2	9C12063A7500FKR		32-135	1
9C12063A2211FKR		32-139	1			32-135	1
		32-139	1	9C12063A7501FKR		32-151	1
9C12063A2212FKR		32-161	2			32-151	1
		32-161	2	9C12063A8061FKR		32-131	1
		34-81	2			32-131	1
		34-81	2	9M05B		32-211	1
9C12063A2430FKR		32-127	1	90-111		21-20A	1
		32-127	1	91176		20-47	1
		34-57	1			20-47A	1
		34-57	1	91177		21-52	1
9C12063A2670FKR		32-133	1			21-52A	1
		32-133	1	91179		8-21	1
9C12063A2870FKR		32-183	1			8-21A	1
		32-183	1			8A-21	1
9C12063A2871FKR		32-141	1			8A-21A	1
		32-141	1			8B-20	1
		34-71	1			8B-20A	1
		34-71	1			27-8	1
9C12063A3320FKR		34-61	1			27-8A	1
		34-61	1	912-3309-000		3-110	RF
9C12063A3321FKR		32-129	2			3-110A	RF
		32-129	2			3-110B	RF
		34-59	1	912-4141-010		21-6A	RF
		34-59	1			21-69A	RF
9C12063A3322FKR		32-163	13	912-4141-020		3-223	RF
		32-163	13			3-223A	RF
9C12063A3921FKR		32-143	2			19-21	RF
		32-143	2			20-30	RF
		34-73	1			23-20	RF
		34-73	1	912-4141-050		3-113	RF
9C12063A3922FKR		34-83	1			3-113A	RF
		34-83	1			3-113B	RF
9C12063A4750FKR		34-63	1			3-113E	RF
		34-63	1			3-114	RF
		35-3	4			3-114A	RF
		35-3	4			3-114B	RF
		36-7	6			3-114E	RF
		36-7	6			18-15	RF
9C12063A4751FKR		32-145	11			18-16	RF
9C12063A4752FKR		34-85	2	912-4141-070		23-19	RF
		34-85	2	912-4141-080		4-63	RF
9C12063A4761FKR		32-145	11	912-4141-110		21-6	RF
9C12063A5111FKR		34-75	1	912-4141-130		21-69	RF
		34-75	1	912-4141-180		3-53	RF
9C12063A5112FKR		32-165	2			3-53A	RF
		32-165	2			3-53B	RF
9C12063A5232FKR		30-11	2			3-53D	RF
		30-11	2			19-14	RF
9C12063A53R6FKR		32-177	2	912-4141-260		19-25	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
912-4141-260		23-24	RF	912-4141-490		20-5	RF
912-4141-310		4-95	RF	912-4141-510		20-4	RF
		4-112	RF	912-4141-520		6-14	RF
		4-128	RF			6-14A	RF
		4-140	RF			6-14B	RF
		18-17	RF			6-14E	RF
		18-18	RF			11-25	RF
		22-8	RF			11-25A	RF
		22-9	RF			11-59	RF
912-4141-380		6-5	RF			11-59A	RF
		6-5A	RF			11A-25	RF
		6-5B	RF			11A-59	RF
		6-5E	RF	912-4141-540		4-62	RF
		6-47	RF			19-20	RF
		6-47A	RF	913-1098-260		4B-91A	RF
		6-47B	RF	913-2609-440		3-115C	RF
		6-47E	RF			3-142C	RF
		11-41	RF			3-156C	RF
		11-41A	RF			3-163C	RF
		11-51	RF			3-191C	RF
		11-51A	RF			3-246C	RF
		11A-41	RF			3-276C	RF
		11A-51	RF	913-2975-000		3-254	RF
912-4141-430		6-20	RF			3-254A	RF
		6-20A	RF			3B-207	RF
		6-20B	RF	913-2984-000		19-16	RF
		6-20E	RF			19-16A	RF
		21-64	RF			23-15	RF
		21-72	RF			23-15A	RF
912-4141-450		4-33	RF	913-2986-000		3-270	RF
		4-69	RF			3-270A	RF
		18-2	RF			3B-209	RF
		22-16	RF	913-3018-010		3-289	17
912-4141-460		3-115	RF			3-289A	RF
		3-115A	RF			3-289A	17
		3-115B	RF			3B-107	17
		3-115D	RF			4-3	14
		3-142	RF			4-3A	RF
		3-142A	RF			4-3A	14
		3-142B	RF			32-47	17
		3-142E	RF	913-3117-060		4-33A	RF
		3-156	RF			4B-21	RF
		3-156A	RF			18-2A	RF
		3-156B	RF			22-16A	RF
		3-156E	RF	913-3117-070		20-5A	RF
		3-163	RF	913-3279-270		5-57	RF
		3-163A	RF			5-59	RF
		3-163B	RF			5-74B	RF
		3-163E	RF			5-74F	RF
		3-191	RF			11-129A	RF
		3-191A	RF			11A-129	RF
		3-191B	RF			26-166	RF
		3-191E	RF			31-433	RF
		3-246	RF	913-3281-060		6-14C	RF
		3-246A	RF			11A-25A	RF
		3-246B	RF			11A-59A	RF
		3-246E	RF			20-4A	RF
		3-276	RF	913-3281-300		6-11	RF
		3-276A	RF			6-11A	RF
		3-276B	RF			6-12	RF
		3-276E	RF			6-12A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
913-3281-300		11-33	RF	913-4006-000		31-437	RF
		11-33A	RF	913-4008-000		16-25A	RF
		11-34	RF			16-26A	RF
		11-34A	RF			16-55A	RF
		11A-33	RF			16-57A	RF
		11A-33A	RF			19-14G	RF
		11A-34	RF	913-4012-000		20-15	RF
		11A-34A	RF			20-18	RF
913-3317-060		4-69A	RF	913-4014-000		3-247	RF
913-3319-420		19-25A	RF			3-271	RF
		23-24A	RF			3-285	RF
913-3319-440		4-95A	RF			3-297	RF
		4-112A	RF			3B-225	RF
		4-128A	RF			8-25	RF
		4-140A	RF			8-26	RF
		4B-41	RF			8-41	RF
		18-17A	RF			8A-25	RF
		18-18A	RF			8A-26	RF
		22-8A	RF			8A-41	RF
		22-9A	RF			8B-35	RF
913-3325-010		16-4	RF			8B-45	RF
		16-15	RF			8B-46	RF
913-3325-020		16-4A	RF			8B-51	RF
		16-15A	RF			27-18	RF
913-3325-310		3B-213	RF			32-261	RF
913-3325-330		3B-215	RF	913-4016-000		21-4	RF
913-3325-390		3B-217	RF	913-4018-000		3-108	RF
913-3325-420		3B-219	RF			3-198	RF
		16-71	RF			3-243	RF
		31-439	RF			3-249	RF
913-3325-470		3B-221	RF			3-261	RF
		31-441	RF			3-275A	RF
913-3325-720		31-443	RF			3-275B	RF
913-3325-740		31-445	RF			3-277	RF
913-3325-750		31-447	RF			3-277A	RF
913-3665-030		9A-69	RF			3-287	RF
913-3665-270		9A-15	RF			3-294	RF
913-3665-380		4B-61	RF			3-295	RF
913-3665-430		4B-33	RF			3-323	RF
913-3665-560		4B-39	RF			3-341	RF
913-3667-030		34-125	RF			3B-235	RF
913-3667-080		32-243	RF			4-71	RF
913-3667-110		32-245	RF			4-94	RF
913-3667-150		32-247	RF			4-111	RF
913-3667-190		34-127	RF			4-113	RF
913-3667-210		34-129	RF			4-129	RF
913-3667-270		32-249	RF			4-144	RF
		35-13	RF			4B-195	RF
		36-15	RF			5-9	RF
913-3667-480		32-251	RF			5-108	RF
913-3667-490		32-253	RF			7-28	RF
913-3667-550		32-255	RF			7-34	RF
913-3669-040		32-257	RF			7-47	RF
913-3670-120		3-275C	RF			8-32	RF
		3B-223	RF			8-43	RF
913-3670-680		29-13	RF			8A-32	RF
		30-23	RF			8A-43	RF
913-4004-000		19-14E	RF			9-8	RF
913-4006-000		5-67	RF			9-37	RF
		19-14F	RF			10-21	RF
		26-146	RF			10-59	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
913-4018-000		11-138	RF	913-5019-200		10-19	RF
		11A-138	RF			10-22	RF
		15-8	RF			13-3	RF
		15-14	RF			13-6	RF
		19-13	RF			13-16	RF
		19-24	RF			13-19	RF
		20-8	RF			13-20	RF
		20-12	RF			13-24	RF
		20-31	RF			13-25	RF
		20-32	RF			13-27	RF
		20-35	RF			13-30	RF
		20-37	RF			13-37	RF
		23-13	RF			13-38	RF
		23-23	RF			13-40	RF
		26-14	RF			13-47	RF
		6-26	RF			16-30	RF
913-5019-010		16-25	RF			16-33	RF
913-5019-070		16-26	RF			16-40	RF
		16-55	RF			16-41	RF
		16-57	RF			18-6	RF
913-5019-100		19-14H	RF			19-5	RF
		3-54	RF			21-7	RF
		3-122	RF			22-5	RF
913-5019-120		6-27	RF			23-5	RF
		6-29	RF			26-23	RF
		6-35	RF	913-5019-240		20-2	RF
913-5019-160		6-36	RF			20-20	RF
		3-109	RF			20-21	RF
		5-58	RF			20-22	RF
913-5019-200		3-208	RF			20-38	RF
		3-210	RF			20-41	RF
		3-218	RF			20-44	RF
		3-221	RF			21-33	RF
		3-226	RF			21-37	RF
		3-239	RF			21-43	RF
		3-240	RF			21-44	RF
		3-258	RF			21-51	RF
		3-259	RF			21-55	RF
		4-76	RF			21-56	RF
		4-78	RF			21-58	RF
		4-80	RF			21-61	RF
		4-85	RF			21-63	RF
		4-87	RF			21-67	RF
		4-106	RF			21-68	RF
		4-116	RF	913-5019-320		3-3	RF
		5-19	RF			3-55	RF
		5-20	RF			3-69	RF
		5-21	RF			3-74	RF
		5-22	RF			3-93	RF
		5-28A	RF			3-134	RF
		5-38	RF			3-141	RF
		5-38A	RF			3-146	RF
		5-38B	RF			3-153	RF
		5-85	RF			3-159	RF
		5-95	RF			3-162	RF
		5-96A	RF			3-168	RF
		5-108A	RF			3-171	RF
		6-30	RF			3-262	RF
		6-37	RF			4-91	RF
		6-46	RF			4-110	RF
		7-27	RF			4-121	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
913-5019-320		4-134	RF	913-5019-320		20-17	RF
		5-75A	RF			20-19	RF
		5-86	RF			20-23	RF
		5-89	RF			20-25	RF
		5-92	RF			20-36	RF
		5-96B	RF			20-40A	RF
		5-98	RF			21-45	RF
		5-99	RF			21-65	RF
		6-17	RF			22-15	RF
		6-21	RF			24-14	RF
		6-23	RF			24-21	RF
		6-25	RF			24-38	RF
		6-40	RF			24-39	RF
		6-41	RF			24-50	RF
		6-50	RF			24-53	RF
		6-53	RF			24A-15	RF
		7-6	RF			24A-16	RF
		7-26	RF			24A-23	RF
		7-29	RF			24A-37	RF
		7-39	RF			24A-40	RF
		7-48	RF			24A-49	RF
		8-7	RF			26-31	RF
		8-13	RF			27-2	RF
		8-14	RF			28-7	RF
		8A-7	RF	913-5019-360		5-75	RF
		8A-13	RF			5-90	RF
		8A-14	RF			26-95	RF
		8B-7	RF	913-5019-370		21-13	RF
		8B-13	RF			21-13A	RF
		8B-14	RF	913-5019-400		5-85A	RF
		8B-17	RF			26-157	RF
		9-36	RF	913-5019-440		5-23	RF
		9-41	RF			5-47	RF
		9-42	RF			5-70	RF
		9-45	RF			5-71	RF
		9-46	RF			5-91	RF
		9-49	RF			25-2	RF
		10-15	RF			25-3	RF
		10-18	RF			25-6	RF
		10-32	RF			25-7	RF
		10-38	RF			25-40	RF
		10-54	RF			25-42	RF
		11-6	RF			25-48	RF
		11-61	RF			25-49	RF
		11-72	RF			26-89	RF
		11-78	RF			31-469	RF
		11-89	RF			34-13	RF
		11-90	RF	914-3500-020		35-15	RF
		11-129	RF			36-17	RF
		11A-6	RF	914-3500-100		35-19	RF
		11A-61	RF			36-19	RF
		11A-72	RF	914-3500-110		35-21	RF
		11A-78	RF			36-21	RF
		11A-89	RF	914-3500-210		35-23	RF
		11A-90	RF			36-23	RF
		11A-134B	RF	914-3500-230		36-25	RF
		12-15	RF			36-27	RF
		12-22	RF	914-3500-400		35-25	RF
		12-25	RF			36-29	RF
		18-14	RF	914-3500-460		35-17	RF
		18-23	RF			36-31	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

NUMERICAL INDEX

PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ	PART NUMBER	AIRLINE PART NO	FIG-ITEM	TTL REQ
917-0501-100		4B-29A	RF	922-6131-020		20-7B	RF
917-1218-000		3-253	RF			20-7D	RF
		3-253A	RF	923CX7R102K100B		3B-213	8
		3-256	RF	923CX7R103K100B		3B-219	9
		3-256A	RF			16-71	16
		3-266	RF			31-439	10
		3-266A	RF	923CX7R104K050B		3B-221	14
		3-272	RF			31-441	6
		3-272A	RF	923CX7R152K100B		3B-215	2
		3B-227	RF	923CX7R472K100B		3B-217	1
917-1222-000		19-18	RF	926CX5R103M100B		16-4A	1
		19-18A	RF			16-15A	1
		23-17A	RF	926CX5R223M100B		16-4	1
		23-17B	RF			16-15	1
917-1225-000		3-207	RF	933-0264-250		10-37A	RF
		3-207A	RF			11-132	RF
		3-213	RF			11A-132	RF
		3-213A	RF	933-1039-190		14-38	RF
		3-217	RF			14-38A	RF
		3-217A	RF	933-1081-080		8-43A	RF
		3B-229	RF			8-44	RF
		4-70	RF			8A-43A	RF
		4-70A	RF			8A-44	RF
		4-81	RF			8B-67	RF
		4-81A	RF			8B-69	RF
		4-92	RF			27-31	RF
		4-92A	RF	933-1081-200		6-9	RF
		4-96	RF	933-1081-370		6-16	RF
		4-96A	RF			6-16A	RF
		4-105	RF			6-58	RF
		4-105A	RF			6-58A	RF
		4-109	RF			11-14	RF
		4-109A	RF			11-18	RF
		4-127	RF			11-45	RF
		4-127A	RF			11A-14	RF
		4B-29	RF			11A-18	RF
		23-17	RF			11A-45	RF
922-6095-060		3-250	RF	933-1084-210		7-46	RF
		3-257	RF			9-9	RF
		3-267	RF			9A-11	RF
		3-274	RF			9-35	RF
		3B-231	RF	933-1084-250		9A-81	RF
922-6106-020		20-6E	RF			10-37	RF
		20-7E	RF			11-43	RF
		34-131	RF			11-121	RF
922-6119-010		3-273A	RF			11A-43	RF
		3-273B	RF			11A-121	RF
		3-275	RF	933-1412-470		6-16B	RF
		3-339	RF			6-58B	RF
		3B-233	RF			11A-14A	RF
		4B-181	RF			11A-18A	RF
		19-15	RF			11A-45A	RF
		23-14	RF	9694		4B-29A	7
922-6124-040		20-6	RF	9694-3L		4B-29A	7
		20-6C	RF	9712806		22-12	1
		20-7	RF	9719307		19-2	1
		20-7C	RF	97193090		18-19	1
922-6131-020		20-6A	RF	9729101		20-9	1
		20-6B	RF			34-17	1
		20-6D	RF	974-1065-170		16-37	RF
		20-7A	RF			16-37A	RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
933-0264-250	LP88A1A105G	56298					
	MC12B105G	50558					
	642P105X2050	56298					
933-1039-190	PE1S022-80-10	27735	2				
	PE1X022-80-10	27735					
	SBE192P223K080V	49588					
	V146XR1225	50930					
	292P2239R8	56289					
933-1081-080	CRC1-080	04099	8				
	MC12B104K	50558					
	642P104X9050	56289					
933-1081-200	CRC1-200	04099	1				
	MC12B105K	50558					
	642P105X9050	56289					
933-1081-370	CRC1-370	04099	5				
	LP88A1C103K	56289					
	MC12F103K	50558					
	642P103X9200	56289					
933-1084-210	LP88A1A474J	56289	3				
	MC12B474J	50558					
	642P474X5050	56289					
933-1084-250	LP88A1A105J	56289	7				
	MC12B105J	50558					
	642P105X5050	56289					
974-1065-170	HFW1501S09	58614	2				
	3SAV1271A2	01526					

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
913-3667-080	08055A270JAT050L	04222		913-4004-000	CK05BX680K	81349	
913-3667-110	C0805C470J5GAC	31433	2	913-5019-010	CK05BX100K	81349	1
	GRM40C0G470J050BB	51406			3K05BX100K	81349	
	08055A470JATBA	04222		913-5019-440	CKR06BX104K	81349	20
	08055A470JAT050	04222			CK06BX104K	81349	
913-3667-150	08055A470JAT050L	04222		913-5019-560	CK06BX105K	81349	2
	C0805C101J5GAC	31433	8	914-3500-020	ATC100A1R5BP150X	29990	2
	GRM40C0G101J050BB	51406			ATC100A1R5BP50X	29990	
	08055A101JATBA	04222			MA181R5B	30153	
	08055A101JAT050	04222		914-3500-100	ATC100A6R8BP150X	29990	2
	08055A101JAT050L	04222			ATC100A6R8BP50X	29990	
913-3667-190	C1808C331J5GAC	31433	1		MA186R8B	30153	
	GRM43C0G331J050BB	51406		914-3500-110	ATC100A7R5BP150X	29990	2
	18085A331JATBA	04222			ATC100A7R5BP50X	29990	
	18085A331JAT060	04222			MA187R5B	30153	
	18085A331JAT060L	04222		914-3500-210	ATC100A220JP150X	29990	4
913-3667-210	C1808C391J5GAC	31433	1		ATC100A220JP50X	29990	
	GRM43C0G391J050BB	51406		914-3500-230	MA18220J	30153	1
	18085A391JATBA	04222			ATC100A270JP150X	29990	
	18085A391JAT060	04222			ATC100A270JP50X	29990	
	18085A391JAT060L	04222		914-3500-400	MA18270J	30153	1
913-3667-270	C1808C102J5GAC	31433	30		ATC100A1R3CP150X	29990	
	GRM43C0G102J050BB	51406			ATC100A1R3CP50X	29990	
	18085A102JATBA	04222		914-3500-440	MA181R3C	30153	5
	18085A102JAT060	04222			ATC100A2R7BP150X	29990	
	18085A102JAT060L	04222			ATC100A2R7BP50X	29990	
913-3667-480	C0805C271J5GAC	31433	1		MA182R7B	30153	
	GRM40C0G271J050BB	51406		914-3500-460	ATC100A4R7BP150X	29990	5
	08055A271JATBA	04222			ATC100A4R7BP50X	29990	
	08055A271JAT050	04222			MA184R7B	30153	
	08055A271JAT050L	04222		917-0501-100	9694	91293	7
913-3667-490	C1808C122J5GAC	31433	4		9694-3L	91293	
	GRM43C0G122J050BB	51406		917-1218-000	DV11PS8A	30153	8
	18085A122JATBA	04222			538-011A2-8	59660	
	18085A122JAT060	04222			538-080A2-8	59660	
	18085A122JAT060L	04222			538011C0P089R	72982	
913-3667-550	C1812C562J5GAC	31433	1	917-1222-000	DV11PS18A	30153	2
	GRM43-2C0G562J050BB	51406			538-011A5-5-18	59660	
	18125A562JATBA	04222			538-080A5-5-18	59660	
	18125A562JAT080	04222			538011C0P092R	72982	
	18125A562JAT080L	04222		917-1225-000	DV11PS35D	30153	13
913-3669-040	GRM40C0G200J100BB	72982	1		538-011D9-35	59660	
	VJ0805A200JXBM	95275			538-080D9-35	59660	
	08051A160JAT050	04222			538011E2P094R	72982	
	08051A200JATBA	04222		922-6095-060	1N5141A	01281	8
	08051A200JAT050M	04222			1N5141A	96341	
913-3670-120	C0805C102K5RAC	31433	2	922-6106-020	BB409T	25088	3
	GRM40X7R102K050BB	51406			U18-3112	50101	
	08055C102KATBA	04222		922-6119-010	1N5767	28480	10
	08055C102KAT050	96095			1N5767	50434	
	08055C102KAT050L	04222			3080	50434	
913-3670-680	C1808C104M5RAC	31433	4	922-6131-020	BB109-6131-020	12954	6
	GRM43X7R104M050BB	51406			BB409E	25088	
	18085C104MATBA	04222			BB409F	12954	
	18085C104MAT060	96095			BB409J	12954	
	18085C104MAT060L	04222		933-0264-250	CRC4-250	04099	3
913-4004-000	CKR05BX680K	81349	AR		LP88A1A105G	56289	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
913-1098-510	C320C181J1G5CA	31433	3	913-3281-060	SR151A391KAA	96095	1
	RPE111C0G181J100V	72982			T200-100NP0-391K	51642	
	RPE121151C0G181J100V	51406			200-100NP0-391K	51642	
	RPE121151C0G181J100V	72982			C322C152K1G5CA	31433	
	T150-100NP0-181J	51642			C330C152K1G5CA	31433	
913-1098-570	W150-100NP0-181J	51642	2	913-3281-140	RPE122C0G152K100V	72982	1
	C315C270K1G5CA	31433			SR211A152KAA	61102	
	RPE110C0G270K100	72982			T300-100NP0-152K	51642	
	RPE110C0G270K100V	72982			300-100NP0-152K	51642	
	T150-100NP0-270K	51642			C320C102J1G5CA	31433	
913-1098-640	W150-100NP0-270K	51642	AR	913-3281-270	RPE121C0G102J100V	72982	1
	8111A112C0G0-270K	59660			SR201A102JAA	96095	
	C315C470J1G5CA	31433			T200-100NP0-102J	51642	
	RPE110C0G470J100V	51406			200-100NP0-102	51642	
	RPE110C0G470J100V	72982			200-100NP0-102J	51642	
913-2609-440	T150-100NP0-470J	51642	14	913-3281-280	C315C101J1G5CA	31433	6
	W150-100NP0-470J	51642			RPE121C0G101J100V	72982	
	8111A112C0G0-470J	59660			SR151A101JAA	96095	
	C312C241F1G5CA	31433			T200-100NP0-101J	51642	
	RPE110-111C0G241F100V	18796			200-100NP0-101J	51642	
913-2975-000	SR211A241FAA	96095	2	913-3281-300	8121A1XXC0G0101J	59660	6
	QC0-82UUF5PCT	95121			C322C222J1G5CA	31433	
	QC82pf	95121			C330C222J1G5CA	31433	
	QC82PF5PCT	95121			RPE122C0G222J100V	72982	
	CCR75CH2R2JM	81349			SR211A222JAA	96095	
913-2984-000	QC2-Opf	95121	4	913-3281-710	T300-100NP0-222J	51642	2
	QC2-OPF5PCT	95121			300-100NP0-222J	51642	
	QC2-OUUF5PCT	95121			8131-100C0G222J	18796	
	QC2-4pF	95121			C322C102J1G5CA	31433	
	QC2-4PF5PCT	95121			RPE122C0G102J100V	72982	
913-2986-000	QC2-4UUF5PCT	95121	65	913-3281-420	SR211A102JAA	04222	2
	FH18K102XK	21052			T200-100NP0-102J	51642	
	MMCDF42-0005	51406			200-100NP0-102J	51642	
	2461-000X7V0-102AA	59660			CCR05CG470JM	04222	
	2461-010X7V0-102AA	59660			CCR05CG470JR	81349	
913-3018-010	2461000X7V0102AA	59660	5	913-3319-440	CCR05CG560JM	04222	12
	913-3018-010	72982			CCR05CG560JR	81349	
	C320C221J1G5CA	31433			MD011C102KAA	04222	
	DR20CB221J	93958			923CX7R102K100B	56289	
	RPE110C0G221J100V	18796			MD011C152KAA	04222	
913-3117-060	SR151A221JAA	04222	1	913-3325-310	923CX7R152K100B	56289	2
	C320C331J1G5CA	31433			MD011C472KAA	04222	
	DR20CB331J	93958			923CX7R472K100B	56289	
	RPE110C0G331J100V	18796			MD015C104KAA	04222	
	SR151A331JAA	04222			923CX7R104K050B	56289	
913-3117-070	CY30C105M	16546	20	913-3325-390	MD011C473KAA	04222	1
	C330C105M5U5CA	31433			MD011C473KAB	04222	
	P131M050Z5U105M	72982			MD021C473KAA	04222	
	RPE113Z5U105M50V	72982			C0805C100J5GAC	31433	
	SR305E105MAA	96095			GRM40C0G100D050BB	51406	
913-3279-270	2C20Z5U105M050B	56289	4	913-3667-030	08055A100JATBA	04222	2
	300-050-601-105M	51642			08055A100JAT050	04222	
	300-050Z5U105M	51642			08055A100JAT050L	04222	
	8131M050ZU105M	72982			C0805C270J5GAC	31433	
	8131M050Z5U105M	72982			GRM40C0G270J050BB	51406	
913-3281-060	C320C391K1G5CA	31433	4	913-3667-080	08055A270JATBA	04222	1
	RPE121C0G391K100V	72982			08055A270JAT050	04222	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
912-4141-050	DM5FA101J0	81349	NA	912-4141-510	DM5FY391J0	61306	3
	DM5F221J050WV	72136			DM5F391J050WV	72136	
	KD5101J101	57582			CDB5FY401J03	53021	
	M2DM5FY101J0	61306			DM401J050WV	72136	
912-4141-070	CD5CC030D0	93790	NA	912-4141-520	DM5FY401J0	61306	NA
	DM5CC030D0	61306			DM5FY401J0	81349	
	DM5CC030D0	81349			DM5F401J050WV	72136	
	DM5C030D300WV	72136			KD5401J101	57582	
912-4141-080	DM5F271J050WV	72136	NA	912-4141-540	CD5CC020D0	93790	4
	CD5CC040D0	93790			DM5C020D300WV	72136	
	CD5CC040D0	93970			RPE110C0G100D100V	72982	
	DM5C040D300WV	72136			RPE110C0G100J100	72982	
912-4141-110	CD5CC080D0	93790	NA	913-1098-010	RPE110C0G100J100V	51406	AR
	DM5C080D300WV	72136			RPE110C0G100J100V	72982	
	DM5EA200D0	61306			T100-100NP0-100J	51642	
	CD5CC120D0	93790			W100-100NP0-100J	51642	
912-4141-130	CD5CC150D0	93790	NA	913-1098-080	8101A112C0G0-100J	59660	1
	DM5CC150D0	81349			RPE110C0G120K100	72982	
	DM5CC150D0	93790			RPE110C0G120K100V	51406	
	DM5C150D300WV	72136			RPE110C0G120K100V	72982	
912-4141-180	CDB5EY270J03	53021	1	913-1098-110	T100-100NP0-120K	51642	3
	CD5EY270J0	93790			W100-100NP0-120K	51642	
	DM05EY270J	A2152			8101A112C0G0-120K	59660	
	DM5EY270J0	61306			RPE110C0G030D100V	51406	
912-4141-260	DM5EY270J0	81349	NA	913-1098-210	RPE110C0G030D100V	72982	1
	DM5E470J050WV	72136			T100-100NP0-309D	51642	
	KD5270J101	57582			W100-100NP0-309D	51642	
	CD5EY430J0	93790			8101A112C0J0-309D	59660	
912-4141-380	DM5EY430J0	61306	14	913-1098-220	CCR13CG4R7C	81349	2
	CDFY121J0	93790			RPE110C0G4R7C100V	51642	
	CD5FY121J0	93790			T100-100NP0-479C	51642	
	DM05FY121J	A2152			W100-100NP0-479C	51642	
912-4141-430	DM5FY121J0	61306	1	913-1098-250	8101A075C0H0-479C	72982	NA
	DM5FY121J0	81349			8101A112C0H0-479C	59660	
	KD5121J101	57582			8101A112C0H479C	59660	
	CDB5FY181J03	53021			8101A112C0H479C	72982	
912-4141-450	CD5FY181J0	93790	NA	913-1098-260	CCR13CG3R9C	81349	3
	CD5Y181J0	93790			RPE110C0G3R9C100V	51642	
	DM5FY181J0	61306			T100-100NP0-399C	51642	
	DM5FY181J0	81349			W100-100NP0-399C	51642	
912-4141-460	DM5F181J050WV	72136	7	913-1098-500	8101A075C0J0-399C	72982	4
	KD5181J101	57582			8101A112C0J0-399C	59660	
	CDFY221J0	93790			8101A112C0J0399C	72982	
	CD5FY221J0	93790			CCR13CG2R2C	81349	
912-4141-490	CD5Y221J0	93790	NA	913-1098-260	RPE110C0G2R2C100V	72982	3
	DM5FY221J0	61306			8101A075C0J0-229C	72982	
	DM5FY221J0	81349			8101A112C0J229C	59660	
	DM5F221J050WV	72136			RPE110C0G1R8C100V	51642	
912-4141-510	CDB5FY241J03	53021	7	913-1098-500	T100-100NP0-189C	51642	4
	CD5FY241J0	93790			W100-100NP0-189C	51642	
	DM5FY241J0	61306			8101A112C0K0-189C	59660	
	DM5FY241J0	81349			8101A112C0K189C	59660	
912-4141-490	KD5241J101	57582	NA	913-1098-500	C320C121J1G5CA	31433	4
	CD5FY331J0	93790			RPE111C0G121J100V	72982	
	DM5FY331J0	81349			RPE121151C0G121J100V	72982	
	DM5F331J050WV	72136			T200-100NP0-121J	51642	
912-4141-510	CD5FY391J0	93790	NA	913-1098-500	W200-100NP0-121J	51642	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
833-6048-600	RLR07C1101FS	91637		834-5005-990	22255C105KATBA	04222	2
833-6048-610	RLR07C1211FR	91637	AR		22255C105KATBN	04222	
	RLR07C1211FS	91637			22255C105KAT050	04222	
833-6048-620	RLR07C1301FR	91637	AR		22255C105KAT9A	04222	
	RLR07C1301FS	91637		834-5008-120	C0805C829C1GAC	31433	1
833-6048-630	RLR07C1501FR	91637	AR		08051A8R2CAT9A	04222	
	RLR07C1501FS	91637		835-0088-010	LM317MDT	04713	1
833-6048-670	RLR07C1821FR	91637	AR		317MDT	04713	
	RLR07C1821FS	91637		835-0096-040	MC79M05BDT	04713	1
833-6048-690	RLR07C2211FR	91637	AR		9M05B	04713	
	RLR07C2211FS	91637		835-0168-010	0P11AY	06665	2
833-6048-730	RLR07C2741FR	91637	AR		0P11AY	24355	
	RLR07C2741FS	91637		835-0247-010	LT1006S8	64155	1
833-6048-750	RLR07C3321FR	91637	AR		1006	64155	
	RLR07C3321FS	91637		835-3607-030	HCT74	01295	1
833-6048-770	RLR07C3921FR	91637	AR		SN74HCT74D	01295	
	RLR07C3921FS	91637		835-3706-020	CD74HC74M	02735	1
833-6051-090	RLR05C10R0FR	91637	1		HC74	02735	
	RLR05C10R0FS	91637			HC74A	04713	
833-6051-300	RLR05C47R5FR	91637	1		HC74A	27014	
	RLR05C47R5FS	91637			MC74HC74AD	04713	
833-6051-770	RLR05C2211FR	91637	1		MM74HC74AM	27014	
	RLR05C2211FS	91637			74HC74D	1CH66	
834-2008-100	293D225X9020BT	14659	1	843-3000-010	BFR84	25403	16
	293D225X9020B2T	14659			8FR84	25403	
834-2008-140	293D475X9010BT	14659	7	843-9005-010	SX03-002-2015FR	55285	3
	293D475X9010B2T	14659			2015-03	55285	
834-2008-150	293D475X9025CT	14659	5	843-9113-010	MMBT2369	04713	1
	293D475X9025C2T	14659			MMBT2369L	04713	
834-2008-190	293D106X9016CT	14659	2		M1J	04713	
	293D106X9016C2T	14659			1J	04713	
834-2008-220	293D156X9025DT	14659	3	849-0025-480	1812-820K	99800	4
	293D156X9025D2T	14659			1812-824K	99800	
834-2008-240	293D336X9016DT	14659	8	849-2502-010	TRS2-25-1	15542	1
	293D336X9016D2T	14659			TRS2-25-1	75548	
834-5005-130	C1206C102K5RAC	31433	11	850-0011-010	UNCLX1MH	15542	1
	12065C102KATBA	31433			UNCLX1MH1	15542	
	12065C102KAT050	31433		852-3001-020	CB50-1812	54583	2
	12065C102KAT050	96095			CB50-453215T	54583	
834-5005-250	C1206C103K5RAC	31433	35		HF50ACB453215T	54583	
	12065C103KATBA	31433		912-3309-000	CDB19-5FD821J03	00853	1
	12065C103KAT050	31433			DM20FD821J0	61306	
	12065C103KAT050	96095			DM20FD821J04CR	14655	
834-5005-570	C1210C104K5RAC	31433	22		KD20821J501	57582	
	12105C104KATBA	31433		912-4141-010	CD5CC050D0	93790	NA
	12105C104KAT050	31433			DM5CC050D0	61306	
	12105V104KAT050	96095			DM5CC050D300WV	72136	
834-5005-790	C1812C334K5RAC	31433	2	912-4141-020	CD85CC100D03	53021	1
	18125C334KATBA	31433			CD5CC100D0	93790	
	18125C334KAT050	96095			DM05CC100D	61306	
	18125C334KAT060	31433			DM5CC100D0	61306	
834-5005-950	C1825C474K5RAC	31433	1		KD5100D301	57582	
	18255C474KATBA	31433		912-4141-050	CDB5FY101J03	53021	2
	18255C474KATBN	31433			CD5FY101J0	93790	
	18255C474KAT050	31433			CD5Y101J0	93790	
	18255C474KAT050	96095			DMSF101J050WV	72136	
	18255C474KAT9A	31433			DM5FA101J0	61306	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
745-0725-000	RCR07G221KS	81349		745-0809-000	RCR07G473KR	81349	50
745-0728-000	RCR07G271KR	81349	2		RCR07G473KS	81349	
	RCR07G271KS	81349		745-0812-000	RCR07G563KR	81349	27
745-0734-000	RCR07G391KR	81349	1		RCR07G563KS	81349	
	RCR07G391KS	81349		745-0815-000	RCR07G683KR	81349	1
745-0737-000	RCR07G471KR	81349	8		RCR07G683KS	81349	
	RCR07G471KS	81349		745-0816-000	RCR07G753JR	81349	2
745-0740-000	RCR07G561KR	81349	AR		RCR07G753JS	81349	
	RCR07G561KS	81349		745-0818-000	RCR07G823KR	81349	8
745-0742-000	RCR07G681JR	81349	2		RCR07G823KS	81349	
	RCR07G681JS	81349		745-0821-000	RCR07G104KR	81349	81
745-0743-000	RCR07G681KR	81349	3		RCR07G104KS	81349	
	RCR07G681KS	81349		745-0830-000	RCR07G184KR	81349	1
745-0746-000	RCR07G821KR	81349	1		RCR07G184KS	81349	
	RCR07G821KS	81349		745-0833-000	RCR07G224KR	81349	4
745-0748-000	RCR07G102JR	81349	1		RCR07G224KS	81349	
	RCR07G102JS	81349		745-0839-000	RCR07G334KR	81349	3
745-0749-000	RCR07G102KR	81349	19		RCR07G334KS	81349	
	RCR07G102KS	81349		745-0845-000	RCR07G474KR	81349	9
745-0752-000	RCR07G122KR	81349	12		RCR07G474KS	81349	
	RCR07G122KS	81349		745-0854-000	RCR07G824KR	81349	3
745-0755-000	RCR07G152KR	81349	AR		RCR07G824KS	81349	
	RCR07G152KS	81349		745-0857-000	RCR07G105KR	81349	8
745-0758-000	RCR07G182KR	81349	2		RCR07G105KS	81349	
	RCR07G182KS	81349		745-0893-000	RCR07G106KR	81349	7
745-0761-000	RCR07G222KR	81349	2		RCR07G106KS	81349	
	RCR07G222KS	81349		745-1863-170	RCR05G470JS	81349	2
745-0764-000	RCR07G272KR	81349	3	745-1863-570	RCR05G222JS	81349	2
	RCR07G272KS	81349		745-2268-000	RCR05G100JS	81349	1
745-0767-000	RCR07G332KR	81349	12		RCR05G100KS	81349	
	RCR07G332KS	81349		745-2377-000	RCR05G103JS	81349	4
745-0770-000	RCR07G392KR	81349	9		RCR05G103KS	81349	
	RCR07G392KS	81349		745-2410-000	RCR05G823JS	81349	4
745-0773-000	RCR07G472KR	81349	42		RCR05G823KS	81349	
	RCR07G472KS	81349		745-2413-000	RCR05G104JS	81349	11
745-0776-000	RCR07G562KR	81349	13		RCR05G104KS	81349	
	RCR07G562KS	81349		745-2449-000	RCR05G105JS	81349	3
745-0779-000	RCR07G682KR	81349	7		RCR05G105KS	81349	
	RCR07G682KS	81349		747-5345-000	RS2C138	91637	3
745-0785-000	RCR07G103KR	81349	139		RW69V181	01686	
	RCR07G103KS	81349		747-5417-000	CW5-78	91637	2
745-0788-000	RCR07G123KR	81349	1		RW67V6R8	01686	
	RCR07G123KS	81349		747-5485-000	CW5-78	41637	3
745-0791-000	RCR07G153KR	81349	3		RWR67V4R7	81349	
	RCR07G153KS	81349			RW67V4R7	01686	
745-0797-000	RCR07G223KR	81349	22	747-5553-000	CW5-78	91637	3
	RCR07G223KS	81349			RW67VR51	81349	
745-0798-000	RCR07G243JR	81349	1	747-8156-040	ALB5-9R000F	07716	12
	RCR07G243JS	81349			HG5	91637	
745-0800-000	RCR07G273KR	81349	7		HG5X000D9R000F	91637	
	RCR07G273KS	81349		833-6048-570	RLR07C8250FR	91637	AR
745-0803-000	RCR07G333KR	81349	7		RLR07C8250FS	91637	
	RCR07G333KS	81349		833-6048-580	RLR07C9090FR	91637	AR
745-0806-000	RCR07G393KR	81349	2		RLR07C9090FS	91637	
	RCR07G393KS	81349		833-6048-590	RLR07C1001FR	91637	1
745-0808-000	RCR07G473JR	81349	2		RLR07C1001FS	91637	
	RCR07G473JS	81349		833-6048-600	RLR07C1101FR	91637	AR

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
705-3537-330	CRCW12062211FB 9C12063A2211FKR 9C12063A2211FKR	91637 19701 80031	1	705-3539-170	CRCW120610R7FB 9C12063A10R7FKR 9C12063A10R7FKR	91637 19701 80031	1
705-3537-430	CRCW12062871FB 9C12063A2871FKR 9C12063A2871FKR	91637 19701 80031	2	705-3539-510	CRCW120624R3FB CRCW120624R3FB	56845 91637	2
705-3537-530	CRCW12063921FB 9C12063A3921FKR 9C12063A3921FKR	91637 19701 80031	3	705-3539-550	CRCW120626R7FB CRCW120626R7FB	56845 91637	1
705-3537-600	CRCW12064751FB 9C12063A4751FKR 9C12063A4751FKR	91637 19701 80031	11	705-3539-790	CRCW120647R5FB CRCW120647R5FB	56845 91637	5
705-3537-620	CRCW12065111FB 9C12063A5111FKR 9C12063A5111FKR	91637 19701 80031	1	705-3539-840	CRCW120653R6FB 9C12063A53R6FKR 9C12063A53R6FKR	91637 19701 80031	2
705-3537-650	CRCW12065491FB 9C12063A5491FKR 9C12063A5491FKR	91637 19701 80031	1	705-3539-860	CRCW120656R2FB 9C12063A56R2FKR 9C12063A56R2FKR	91637 19701 80031	1
705-3537-660	CRCW12065621FB 9C12063A5621FKR 9C12063A5621FKR	91637 19701 80031	4	705-3540-380	CRCW12061960FB 9C12063A1960FKR 9C12063A1960FKR	56845 19701 80031	1
705-3537-750	CRCW12067501FB 9C12063A7501FKR 9C12063A7501FKR	91637 19701 80031	1	705-3540-490	CRCW12062870FB 9C12063A2870FKR 9C12063A2870FKR	56845 19701 80031	1
705-3537-880	CRCW12061102FB 9C12063A1102FKR 9C12063A1102FKR	91637 19701 80031	1	705-5975-470	MF1-1DE1002B RN55E1002B	91637 81349	19
705-3537-920	CRCW12061242FB 9C12063A1242FKR 9C12063A1242FKR	91637 19701 80031	1	705-5975-990	RN55E1872B 55E1872B	81349 01295	8
705-3537-940	CRCW12061302FB 9C12063A1302FKR 9C12063A1302FKR	91637 19701 80031	3	714-1135-420	DS125-471J QTM12-471J	15454 56866	2
705-3537-980	CRCW12061472FB 9C12063A1472FKR 9C12063A1472FKR	91637 19701 80031	1	745-0677-000	TM1-8-470-5 RCR07G100KR	01295 81349	3
705-3538-140	CRCW12062212FB 9C12063A2212FKR 9C12063A2212FKR	91637 19701 80031	4	745-0680-000	RCR07G120KS RCR07G120KS	81349 81349	AR
705-3538-310	CRCW12063322FB 9C12063A3322FKR 9C12063A3322FKR	56845 19701 80031	13	745-0686-000	RCR07G150KS RCR07G180KR	81349 81349	AR
705-3538-370	CRCW12063922FB 9C12063A3922FKR 9C12063A3922FKR	91637 19701 80031	1	745-0689-000	RCR07G180KS RCR07G220KR	81349 81349	AR
705-3538-450	CRCW12064752FB 9C12063A4752FKR 9C12063A4752FKR	91637 19701 80031	2	745-0691-000	RCR07G220KS RCR07G270JR	81349 81349	2
705-3538-470	CRCW12065112FB 9C12063A5112FKR 9C12063A5112FKR	91637 19701 80031	2	745-0692-000	RCR07G270JS RCR07G270KR	81349 81349	AR
705-3538-480	CRCW12065232FB 9C12063A5232FKR 9C12063A5232FKR	91637 19701 80031	2	745-0695-000	RCR07G270KS RCR07G330KR	81349 81349	AR
705-3539-140	CRCW120610R0FB 9C12063A10R0FKR 9C12063A10R0FKR	91637 19701 80031	8	745-0698-000	RCR07G330KS RCR07G390KR	81349 81349	AR
				745-0701-000	RCR07G390KS RCR07G470KR	81349 81349	21
				745-0704-000	RCR07G470KS RCR07G560KR	81349 81349	AR
				745-0707-000	RCR07G560KS RCR07G680KR	81349 81349	2
				745-0712-000	RCR07G680KS RCR07G101JR	81349 81349	5
				745-0713-000	RCR07G101JS RCR07G101KR	81349 81349	11
				745-0719-000	RCR07G101KS RCR07G151KR	81349 81349	2
				745-0725-000	RCR07G151KS RCR07G221KR	81349 81349	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
382-0052-210	8024EKX500	30983		677-1522-000	EH511	80223	
382-0052-230	3292X1-201	80294	1	705-0948-000	RN55D1000F	81349	4
	64X201	02111		705-0952-000	RN55D1210F	81349	2
	8024EKX201	30983		705-1059-000	RN55D2052F	81349	12
382-0052-250	3292X1-102	80294	1	705-1073-000	RN55D4022F	81349	36
	64X102	02111		705-1074-000	RN55D4222F	81349	AR
	8024EKX102	30983		705-3535-020	CRCW12061002FB	91637	34
382-0052-410	3292W1-201	80294	1		9C12063A1002FKR	19701	
	64W201	02111			9C12063A1002FKR	80031	
	8024EKW201	30983		705-3535-030	CRCW12062002FB	91637	2
382-0052-450	3292W1-502	80294	1		9C12063A2002FKR	19701	
	64W502	02111			9C12063A2002FKR	80031	
	64W502T623	02111		705-3535-060	CRCW12061003FB	91637	1
	8024EKW502	30983			9C12063A1003FKR	19701	
382-0052-460	3292W1-103	80294	1		9C12063A1003FKR	80031	
	64W103	02111		705-3535-200	CRCW12061001FB	91637	12
	8024EKW103	30983			9C12063A1001FKR	19701	
425-0001-000	QQB575R36T062	16428	AR		9C12063A1001FKR	80031	
	QQB575R36T062	81348		705-3535-230	CRCW12062430FB	91637	2
425-1538-000	M17-093RG178	81349	AR		9C12063A2430FKR	19701	
	RG178BU	81349			9C12063A2430FKR	80031	
503-4970-001	MS21042-06	96906	2	705-3535-270	CRCW12061212FB	91637	1
	280-3778-010	0BU16			9C12063A1212FKR	19701	
	503-4970-001	4V792			9C12063A1212FKR	80031	
540-9041-003	NAS620C4L	80205	7	705-3535-300	CRCW12063321FB	91637	3
	8106A0440-16	06540			9C12063A3321FKR	19701	
540-9049-003	NAS620C5	80205	3		9C12063A3321FKR	80031	
	8109A0440-16	06540		705-3535-330	CRCW12068061FB	91637	1
540-9051-003	MS35338-135	96906	2		9C12063A8061FKR	19701	
	8110A0440-16	06540			9C12063A8061FKR	80031	
635-5708-001	LA7085	D0212	5	705-3535-420	CRCW12062101FB	91637	2
	LA7086	D0212			9C12063A2101FKR	19701	
	RCR07G562KR	81349			9C12063A2101FKR	80031	
	1N5141A	01281		705-3535-510	CRCW12062670FB	91637	1
	635-5708-001	D0212			9C12063A2670FKR	19701	
635-5708-002	DV11PS8A	30153	1		9C12063A2670FKR	80031	
	LA7086	D0212		705-3535-590	CRCW12063320FB	91637	1
	QC82pf	95121			9C12063A3320FKR	19701	
	635-5708-002	D0212			9C12063A3320FKR	80031	
635-5708-003	LA7087	D0212	1	705-3535-730	CRCW12064750FB	91637	11
	635-5708-003	D0212			9C12063A4750FKR	19701	
642-4201-001	NA1104-087	57863	5		9C12063A4750FKR	80031	
	347-1268-000	95105		705-3535-870	CRCW12066810FB	91637	1
668-0165-010	A202	57996	3		9C12063A6810FKR	19701	
	17665	07388			9C12063A6810FKR	80031	
	26-5388-01	11402		705-3535-910	CRCW12067500FB	91637	1
677-0035-000	A1090	31669	6		9C12063A7500FKR	19701	
	A1090	80223			9C12063A7500FKR	80031	
	ER499	31669		705-3537-080	CRCW12061211FB	91637	1
	ER499	80223			9C12063A1211FKR	19701	
	167	31669			9C12063A1211FKR	80031	
	167	80223		705-3537-090	CRCW12061241FB	91637	1
677-1521-000	A1415	31669	1		9C12063A1241FKR	19701	
	EH510	53342			9C12063A1241FKR	80031	
	EH510	80223		705-3537-160	CRCW12061471FB	91637	1
677-1522-000	A1475	31669	1		9C12063A1471FKR	19701	
	EH511	53342			9C12063A1471FKR	80031	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
372-0043-160	1-103167-7	00779	5	380-1080-100	RJ24CP103	32997	9
	87476-6	00779			RJ24FP103	32997	
372-0043-260	2-103167-7	00779	1	380-1080-110	RJ24CP203	32997	2
	87476-8	00779			RJ24FP203	32997	
372-0043-480	1-103169-8	00779	2	380-1080-130	RJ24CP503	32997	1
	111357-9	00779			RJ24FP503	32997	
	87478-7	00779		380-1080-220	RJ24CW201	32997	2
372-0043-530	2-103169-3	00779	3		RJ24FW201	32997	
	87478-8	00779		380-1080-230	RJ24CW501	32997	2
372-2252-010	NA1113-010	57863	21		RJ24FW501	32997	
	372-2252-010	57863		380-1080-240	RJ24CW102	32997	1
372-2252-020	NA1113-020	57863	470		RJ24FW102	30983	
	372-2252-020	57863		380-1080-260	RJ24CW502	32997	5
372-2330-170	1-102386-6	00779	1		RJ24CW502	80294	
	201185-08	16512			RJ24FW502	32997	
372-2334-110	102645-3	00779	2	380-1080-270	RJ24CW103	32997	3
	372-2334-110	00779			RJ24FW103	32997	
372-2334-190	1-102645-8	00779	3	380-1080-390	RJ24CX201	32997	2
	102645-4	00779			RJ24FX201	32997	
	372-2334-190	00779		382-0051-050	3386P1-102	80294	2
372-2334-210	102645-5	00779	1		63PR202T636	02111	
	372-2334-210	00779		382-0051-060	3386P1-202	80294	3
372-2601-010	NA1104-010	57863	2		63PR202-636	02111	
	372-2601-010	13499		382-0051-070	3386P1-502	80294	6
372-2601-012	NA1104-012	57863	3		63PR502T636	02111	
	372-2601-012	13499		382-0051-080	3386P1-103	80294	11
372-2601-026	NA1104-026	57863	16		63PR103T636	02111	
	372-2601-026	13499		382-0051-100	3386P1-503	80294	5
372-2601-027	NA1104-027	57863	2		63PR503T636	02111	
	372-2601-027	13499		382-0051-110	3386P1-104	80294	3
372-2601-033	NA1104-033	57863	35		63PR104T636	02111	
	372-2601-033	13499		382-0052-060	3292P1-501	80294	4
372-2601-037	NA1104-037	22526	51		64P501	02111	
	NA1104-037	57863			8024EKP501	30983	
372-2601-039	NA1104-039	57863	1	382-0052-070	3292P1-102	80294	1
	372-2601-039	13499			64P102	02111	
372-2601-045	NA1104-045	22526	105		64P102	16556	
	NA1104-045	57863			8024EKP102	30983	
	372-2601-045	4V792		382-0052-080	3292P1-202	80294	4
372-2601-047	NA1104-047	57863	18		64P202	02111	
	76644-105	22526			8024EKP202	30983	
372-2601-087	NA1104-087	57863	51	382-0052-090	3292P1-502	80294	2
	372-2601-087	4V792			64P502	02111	
372-2601-161	NA1103-161	57863	10		64P502T623	02111	
	372-2601-161	4V792			8024EKP502	30983	
372-2601-545	NA1100-545	57863	15	382-0052-100	3292P1-103	80294	11
	76602-102	22526			64P103	02111	
373-0154-000	373-0154-000	79807	52		8024EKP103	30983	
	4704-04-01-4102	78189		382-0052-110	3292P1-203	80294	6
380-1080-060	RJ24CP501	32997	6		64P203	02111	
	RJ24FP501	32997			64P203T623	02111	
380-1080-070	RJ24CP102	32997	1		8024EKP203	30983	
	RJ24FP102	32997		382-0052-130	3292P1-503	80294	3
380-1080-080	RJ24CP202	32997	6		64P503	02111	
	RJ24FP202	32997			8024EKP503	30983	
380-1080-090	RJ24CP502	32997	1	382-0052-210	3292X1-500	80294	1
	RJ24FP502	32997			64X500	02111	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
352-0867-010	3N140	54590	11	353-3644-010	DM5E470J050WV	72136	361
	3N140	86684			IN4454	31433	
352-0867-020	3N141	54590	6		IN4454-1	31433	
	3N141	86684			IN4454GE	03508	
352-1006-020	64906	02735	6		1N4454	03508	
	64906	34371			1N4454	07263	
352-1093-010	FMNZ561	22229	4		1N4454	12969	
	3N187	02735			1N4454-1	07263	
352-1227-010	BF995	25088	1		1N4454-1	12969	
	MB	25088			1N4454GE	03508	
352-1227-020	BF996	25088	4	353-3691-010	HP2800	28480	4
	BF996S	25088			1N5711	28480	
352-7956-010	MMBT918	04713	1		5082-2800	28480	
	M3B	04713		353-3718-070	IN5553	14099	10
	3B	04713			UT1519	12969	
352-9113-010	BSR14	25403	4		1N5553	14099	
	MMBT2222A	04713			1N5553	14936	
	MMBT2222AL	04713		353-6442-050	IN4005	04713	13
	MMBT2222ALT1	04713			1N4005	14936	
	PMBT2222A	25403			1N4005GP	14036	
	U8	25403			1N4005GP	14433	
352-9114-020	1P	04713			1N4005GP	14936	
	BSR16	25403	4		4005	14936	
	MMBT2907AL	04713		353-6556-010	1N5614	12969	6
	M2B	04713			1N5614	14552	
	T7	25403			1N5614	14936	
	2B	04713		353-8133-060	MMBZ5231B	04713	5
352-9524-000	D306-03	06090	1		MMBZ5231BL	04713	
	90-111	53174		353-8135-010	MMBD6050	04713	1
352-9525-000	D306-04	06090	6		MMBD6050X	04713	
	D306-04	08795		353-8135-040	MMBD914	04713	2
352-9604-010	TXB3-032-037R	98978	4		MMBD914L	04713	
352-9605-140	43-02-9	13103	32	353-8137-010	BAL74	12954	1
	43-03-8	13103			BAL74	25088	
352-9605-220	352-9605-220	53174	11	353-8137-090	BAW100	12954	3
	43-77-1	13103			BAW100	32421	
353-2724-000	1N758A	04713	3	353-9009-510	JAN1N5614	81350	4
	1N758A	12954		353-9039-020	JANTXIN4616	81350	3
	1N758A	14433			JANTX1N4616	81350	
	1N758A	81483		357-7552-010	051-424-3196-220	98291	2
353-3184-000	1N973B	04713	3		51-424-3196	98291	
	1N973B	12954			7202-1572-102	19505	
	1N973B1	04713		357-7552-020	051-428-3196-220	98291	1
	1N973B1	12954			7405-1521-102	19505	
	1N973B1	14433		357-9917-010	M39012-71-0001	81349	2
353-3591-060	1N4104	04713	4		M39012-71-0003	81349	
	1N4104	12954		370-0056-010	DPX2-41657-4-02	71468	1
353-3591-080	1N4106	04713	2		041657-4-02	71468	
	1N4106	12954		370-0056-020	DPX2-41657-4-02	71468	57
353-3591-110	1N4109	04713	2		030-2236-000	71468	
	1N4109	12954		371-0390-010	DBU110977-6	71468	2
353-3591-480	MZ4624	12954	2		DBU110977-6A176	71468	
	1N4624	04713			205738-5	00779	
	1N4624	12954		372-0033-010	534236-4	00779	17
353-3591-490	MZ4625	12954	3		86418-7	00779	
	1N4625	04713		372-0033-020	534236-8	00779	10
	1N4625	12954			86418-5	00779	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-8273-010	MC14028BCL	04713		351-8406-040	351-8406-040	60496	
351-8289-010	CD4085BF	02735	7	351-8407-020	CD4070BF	34371	6
	CD4085BF	34371			MC14070BAL	04713	
351-8296-010	CD4520BF	34371	2		MC14070BCL	04713	
	CD4520BF3A	34371		351-8418-010	CD4077BF	34371	1
	CD4520BMJ	27014			MC14077BAL	04713	
351-8297-010	CD4081BF	02735	10		MC14077BCL	04713	
	CD4081BF	34371		351-8436-030	AM27S31BJA	34335	1
	MC14081BAL	04713			HM1-7641-2	34371	
	MC14081BCL	04713			53S485JS883B	34335	
	14081BBCAJC	04713		351-8454-020	CDP1802AD	02735	5
351-8306-010	CD4071BF	02735	4		CDP1802AD3	02735	
	CD4071BF3A	02735			CDP1802AD3	34371	
	CD4071BMJ	27014			CDP1802D3	34371	
	CD4071BMJ883	27014		351-8507-020	CDP1824D	02735	4
	MC14071BAL	04713			CDP1824D3	34371	
	MC14071BCL	04713		351-8804-130	CD54HC32F	02735	1
	14071BBCAJC	04713			MC54HC32AJ	04713	
351-8308-020	CD4069UBF	02735	1		SN54HC32J	01295	
	CD4069UBF	34371		352-0440-000	2N918	04713	6
	MC14069UBCL	04713			2N918	07263	
	4069UBDM	27014			2N918	07910	
351-8314-020	MC14572UBAL	04713	2		2N918	49956	
	MC14572UBCL	04713		352-0551-010	2N2907A	04713	9
	14572ABEAJC	04713			2N2907A	07263	
351-8326-010	CD4018BF	02735	3		2N2907A	49956	
	CD4018BF	34371		352-0596-030	2N2369A	04713	3
	CD4018BMJ	27014			2N2369A	14433	
	MC14018BCL	04713			2N2369A	49956	
351-8332-020	CD4093BF	34371	4	352-0605-010	2N2608	04713	4
	CD4093BMJ	27014			2N2608	22229	
	CD4093BMJ883C	27014		352-0661-010	2N2219A	04713	6
	MC14093BAL	04713			2N2219A	27014	
	MC14093BCL	04713			2N2219A	49956	
351-8334-010	CD4502BF	34371	4	352-0661-020	2N2222A	04713	11
	MC14502BAL	04713			2N2222A	27014	
	MC14502BCL	04713			2N2222A	49956	
351-8346-030	CD4094BF	02735	12	352-0734-020	2N3700	04713	5
	MC14094BAL	04713			2N3700	49956	
	MC14094BCL	04713			2N3700S	04713	
351-8384-010	CDP1832DS2241	02735	1	352-0740-010	2N4220	04713	2
	CDP1832D91176	02735			2N4220	17856	
	84862	02735			2N4220	27014	
	91176	02735		352-0756-010	2N4416	04713	NA
351-8384-020	CDP1832DS2242	34371	1		2N4416	15818	
	CDP1832D91177	02735		352-0756-120	FFE265U8	04713	6
	84863	02735			ITS31274	32293	
	91177	02735			SF50154	12040	
351-8384-040	CDP1832DS2244	34371	4		SF50154	27014	
	CDP1832D91179	02735		352-0782-030	2N4923	A2270	3
	CD40032D84916	02735			2N4923	04713	
	84916	02735			2N4923	27014	
	91179	02735		352-0792-020	2N5179	02735	3
351-8406-030	SCM45676LK	04713	6		2N5179	04713	
	351-8406-030	04713			2N5179	27014	
351-8406-040	SCM45957LK	04713	6	352-0838-010	NE85634	D0009	1
	351-8406-040	04713			2SC3357	D0009	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-7689-010	DM5404J	27014	1	351-8184-010	MC14023UBAL	04713	
	SN5404J	01295			MC14023UBCL	04713	
	S5404F	18324			14023ABCAJC	04713	
	5404DM	07263		351-8186-010	CD4024BF	02735	15
	5404DM	27014			CD4024BF	34371	
351-7695-010	DM5493AJ	27014	1		MC14024BAL	04713	
	SN5493AJ	01295			MC14024BCL	04713	
	5493DM	07263			UA1558RM	07263	
351-7786-010	MC12514L	04713	5	351-8187-010	CD4022BF	02735	6
	SC12514L	04713			CD4022BF	34371	
	12514BEA	04713			CD4022BF3A	34371	
	12514BEAJC	04713			CD4022BMJ	27014	
351-7786-012	12514BEAJC	04713	2		CD4022BMJ883	27014	
	5962-8775101MEA	04713			CD4022BMJ883C	27014	
351-8159-090	CD4020BCN	27014	3		MC14022BAL	04713	
	CD4020BE	02735			MC14022BCL	04713	
	CD4020BE	34371			14022BCAJC	04713	
	MC14020BCP	04713		351-8189-010	CD4015BF	02735	3
	SCL4020BE	31019			CD4015BF	34371	
	4020BPC	07263			MC14015BCL	04713	
351-8159-210	CD4049CN	27014	3	351-8197-010	CD4049MJ	27014	31
	CD4049UBE	02735			CD4049UBF	02735	
	CD4049UBE	34371			CD4049UBF3A	02735	
	F4049BPC	07263			MC14049UBAL	04713	
	MC14049UBCP	04713			MC14049UBCL	04713	
	SCL4049UBE	31019		351-8201-030	CD4042BF	02735	4
351-8160-010	CD4001UBF	34371	3		CD4042BF	34371	
	MC14001UBAL	04713			CD4042BMJ	27014	
	MC14001UBCL	04713			MC14042BCL	04713	
	SCL4001UBC	31039			4042BDM	27014	
351-8160-030	CD4013BF	34371	25	351-8233-010	CD4029BF	02735	14
	MC14013BAL	04713			CD4029BF	34371	
	MC14013BCL	04713			CD4029BMJ	27014	
	SCL4013BC	31039			MC14029BAL	04713	
351-8161-010	CD4020BF	02735	13		MC14029BCL	04713	
	CD4020BF	34371		351-8236-040	CD4053BF	02735	34
	CD4020BMJ	27014			CD4053BF3A	02735	
	MC14020BCL	04713			MC14053BAL	04713	
	4020BDM	07263			MC14053BCL	04713	
351-8175-010	CD4021BF	34371	6		14053BBEAJC	04713	
	MC14021BAL	04713		351-8258-010	CD4027BMJ	27014	11
	MC14021BCL	04713			CD4027BMJ	7D893	
	4021BDM	07263			MC14027BAL	04713	
351-8177-010	CD4040BF	02735	16		MC14027BCL	04713	
	CD4040BF	34371		351-8259-010	CD4046BF	02735	6
	CD4040BMJ	27014			CD4046BF	34371	
	CD40440BF	02735			MC14046BCL	04713	
	CD40440BF	07263			14046BBEAJC	04713	
	MC14040BCL	04713		351-8259-030	CD4046BF	02735	4
	4040BDM	07263			CD4046BF	34371	
351-8180-010	CD4508BF	34371	9		14046BBEAJC	04713	
	CD4508BF3A	34371		351-8273-010	CD4028BF	34371	3
	MC14508BAL	04713			CD4028BF3A	34371	
	MC14508BCL	04713			CD4028BMJ	27014	
	14508BBJXC	04713			CD4028BMJ883	27014	
351-8184-010	CD4023UBF	02735	1		CD4028BMJ883C	27014	
	CD4023UBF3A	02735			MC14028BAL	04713	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-1271-020	SG117T	34333	6	351-1957-010	AM27S181BJA	34335	1
351-1271-030	LM117K	27014			53S881AJ883B	34335	
	LM117K	64155			53S881J883B	34335	
	LM117KSTEEL	27014			82S181BJA	18324	
	LM117KSTEELA	27014			82S181CJA	18324	4
	LM117KSTEELB	27014		351-2420-010	ILS	12050	
	LM117KSTEELP	27014			ILS5515	12050	
	LM117KSTL	27014	25	351-2420-020	ATF325	25403	NA
	SG117K	34333			PCA325	25403	
351-1286-010	MC1558U	04713		351-2422-010	PBF	12050	3
	RM1558DE	07933			PBF5542	12050	
	RM4558DE	07933			11426-001	50828	2
	SG1558Y	34333		351-2423-010	V0R	12050	
	UA1558RM	07263			V0R55-55	12050	
	1558U	04713	9		V0R5555	12050	1
351-1286-050	MC1558U	04713		351-3701-010	CD74HC00M	02735	
	RM4558D	49956			HC00	01295	
	RM4558DE	07933			HC00	02735	1
	RM4558DE	49956			SN74HC00D	01295	
351-1345-020	LM137H	27014	1	351-3701-020	HC02	01295	
	LM137H	64155			HC02	4CH66	1
	LM137HA	27014			MC74HC02D	04713	
	LM137HB	27014			SN74HC02D	01295	
	LM137HP	27014			74HC02D	4CH66	1
351-1523-010	SG137T	34333	2	351-3701-050	HC10	01295	
	DM54LS00J883	27014			HC10	04713	
	SN54LS00J	01295			HC10	4CH66	
	SN54LS00J	04713			MC74HC10D	04713	2
	SN54LS04J	04713			SN74HC10D	01295	
	54LS00DMQB	27014	1		74HC10D	4CH66	
	54S00DM	07263		351-3701-140	HC132	01295	2
351-1525-010	DM54LS74J883	27014			HC132	4CH66	
	SNJ54LS74AJ	01295			MC74HC132D	04713	
	SN54LS74AJ	01295	6		SN74HC132D	01295	2
	SN54LS74AJ	04713			74HC132D	4CH66	
	54LS74ABCAJC	04713		351-3703-100	CD74HC161M	02735	
351-1527-010	DM54LS190J	27014			HC161	01295	1
	DM54LS190J883	27014			HC161	02735	
	DM54LS190J883C	27014			HC161A	04713	
	SN54LS190J	01295	6		MC74HC161AD	04713	1
	SN54LS190J	34335			SN74HC161D	01295	
	S54LS190F	18324		351-3703-130	CD74HC390M	02735	
351-1527-020	DM54LS191J	27014			HC390	02735	3
	DM54LS191J883C	27014			74HC390D	18324	
	SN54LS191J	01295	3	351-3703-170	CD74HC191M	02735	
	SN54LS191J	04713			HC191	02735	2
	SN54LS191J	34335			74HC191D	18324	
351-1653-010	SP8680A	K7766		351-3705-010	CD74HC04M	02735	
	SP8680ADG	K7766	1		HC04	01295	2
	11C90DM	07263			HC04	02735	
351-1656-010	SN54S74J	01295			SN74HC04D	01295	
	54S74DM	07263		351-3706-070	CD74HC74M	02735	2
351-1660-010	CPN	01295			HC74	01295	
	351-1660-010	01295	1		HC74	02735	
351-1738-010	SN54LS93J	01295			HC74A	04713	1
	SN54LS93J	04713			MC74HC74AD	04713	
	54LS93BCAJC	04713			SN74HC74D	01295	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
350-4027-090	4114R001-103	4J937		351-1040-020	SG101AT	34333	
	4114R1-103	4J937			UA101AHM	27014	
	760-3R10K	11236			101AHM	27014	
350-4027-100	MDP1401563G	91637	1	351-1112-010	LM143H	27014	4
	314A563	01121			MC1536G	04713	
	4114R002-563	4J937			SG1536T	34333	
	4114R2-563	4J937		351-1112-030	MC1536U	04713	2
	760-1R56K	11236			SG1536Y	34333	
350-4027-120	MDP1401103G	91637	3		1536U	04713	
	314A103	01121		351-1122-030	LM139D	34335	8
	4114R002-103	4J937			LM139J	01295	
	4114R2-103	4J937			LM139J	04713	
	760-1R10K	11236			LM139JB	01295	
350-4027-170	MDP1403473G	91637	1		139J	04713	
	314B473	01121		351-1122-040	LM3302N	27014	16
	4114R001-473	4J937			LM3302N	34333	
	4114R1-473	4J937			LM3302N	34335	
	760-3R47K	11236			MC3302N	18324	
350-4027-180	MDP1403104G	91637	3		MC3302P	04713	
	314B104	01121			SG3302N	34333	
	4114R001-104	4J937			UA3302PV	27014	
	4114R1-104	4J937			3302PV	27014	
	760-3R100K	11236		351-1159-030	AD11-99	24355	12
350-4029-010	MDP16-00S189	91637	2		AD7520JD	32293	
	16-21C223-503	80294			AD7533AQ	24355	
	350-4029-010	11236			MP7533AD	54186	
	350-4029-010	4J937		351-1159-040	AD11-107	24355	10
	4116R21C	80294			AD7520KD	32293	
	841-85	11236			AD7533BQ	24355	
350-4030-120	MDP1601-273J	91637	1		MP7533BD	54186	
	316A273	01121		351-1218-020	LM120K12	27014	3
	4116R002-273	4J937			LM120K12A	27014	
	4116R2-273	4J937			LM120K12B	27014	
	761-1R27K	11236			LM120K12P	27014	
350-4030-160	MDP1603-221J	91637	3		SG120-12K	34333	
	316B221	01121			SG120K12	34333	
	4116R001-221	4J937			12337	34333	
	4116R1-221	4J937		351-1218-050	LM120H8-0	27014	5
	761-3R220	11236			SG120-08T	34333	
351-0043-030	MC1596F	27014	2		SG120T8	34333	
	MC1596L	04713		351-1261-010	LM741J	27014	12
351-0570-010	OP20-027Z	06665	7		MC1741U	04713	
	OP20-027Z	24355			UA741RM	27014	
	OP20CZ	24355			741RM	27014	
351-0656-010	LM2901	01295	1	351-1261-020	LT1006MJ8	64155	8
	LM2901	04713			UA741ARM	07263	
	LM2901	18324		351-1262-010	UA148DM	07263	NA
	LM2901D	04713			UA348PC	07263	
351-0751-010	MC78L05ACD	04713	1	351-1262-020	LM148J	27014	92
	8L05A	04713			PM148Y	06665	
351-1035-010	CA0723T	02735	3		UA148DM	07263	
	CA0723T21	02735		351-1271-020	LM117H	27014	3
	CA723T	02735			LM117H	64155	
	CA723T21	02735			LM117HA	27014	
	RM723T	49956			LM117HB	27014	
351-1040-020	LM101AH	27014	4		LM117HP	27014	
	LM101AH	64155			SG10728	34333	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
293-1313-010	2Q82	00136	2	310-6320-000	310-6320-000	9Y976	
	5369	25120		310-6340-000	CRES0-125IDX0-2810D	79807	6
	7356	25120			310-6340-000	79807	
293-1313-020	2Q59	00136	3		310-6340-000	9Y976	
	5878	25120		313-0132-000	MS51957-12	96906	92
	7357	25120			NAS67C4	80205	
302-0640-100	MW425-120	08289	2		NAS671C4	80205	
	302-0640-100	16037			P313-0132-000	80205	
302-4800-000	FBR0-116IDX1-40D	74921	10		313-0132-000	77250	
	302-4800-000	74921		330-1716-160	PSVTCRES112-40X375IN	56878	20
304-0014-000	4040-2	77147	3		330-1716-160	56878	
	634	79963		330-1717-010	FHS440-4	46384	6
304-0015-000	4007-4	77147	6		KTS440-4	00613	
	4007-4HTD	77147			M63540-1-6C	81349	
304-0016-000	304-0016-000	79807	4		RKTS440-4	30343	
	4007-6HTD	77147		333-0604-000	68-1660-26	51792	16
	4007-6H0TTINNED	77147			68-1660-26	72962	
304-0017-000	304-0017-000	79807	1	333-0605-000	333-0605-000	79807	9
	4007-8HTD	77147			68-1660-40	72962	
305-1731-000	MS16535-52	96906	13	333-0837-000	M45938-5-1	81349	12
	305-1731-000	12014			R22NCFMA1-26	72962	
305-1755-000	MS16535-76	96906	8		333-0837-000	D0115	
	305-1755-000	12014		333-0839-000	M45938-5-3	81349	115
305-2083-010	MS20470AD2-2	98996	23		R22NCFMA1-40	72962	
	305-2083-010	10472			333-0839-000	D0116	
306-0749-020	16236B	88245	1	333-0841-000	M45938-5-5	81349	12
	229-1002-000590	98291			R12NCFMA1-62	72962	
306-0991-000	AB368-3	12615	2		333-0841-000	D0115	
	16154C5	88245		333-1455-020	CDPLSTL112-40X270X192	27601	NA
306-1104-000	003-57005-000789	05276	1		MS52957-13	96906	
	1495B	88245			R22NCFMA1-40	72962	
	306-1104-000	27494			307-0006-010	79807	
306-2222-100	SL441-434	12615	4	340-0644-000	BRYLMCOP0-135DX0-125L	91314	122
	SL441-434DWHITE	12615			340-0644-00	91314	
	SL441-434WHT	12615			340-0644-000	91314	
	004-3401-000599	98291		342-0044-000	MS51959-13	96906	25
306-2293-000	572-4878-01-05-16	71279	3		MS52959-13	96906	
	572-4878-1-0516	71279		342-0045-000	MS51959-14	96906	20
306-2474-010	SL354-351	12615	3		MS52959-14	96906	
	SL354-351WHT	12615		343-0124-000	MS51957-3	96906	16
	002-3402-000599	98291			MS51957-9	96906	
	306-2474-010	98291		343-0132-000	MS51957-12	96906	4
306-2690-010	SE19D01	81349	2	343-0133-000	MS51957-13	96906	28
	572-4838-1-0519	0SRA2			MS52957-13	96906	
307-0003-030	CME36	04264	1	343-0136-000	MS51597-16	96906	38
	CME36B	04264			MS51957-16	96906	
	307-0003-030	10472		343-0137-000	MS51957-17	96906	6
307-0006-010	SE55	07707	4	347-0021-000	MS35338-135	96906	8
	307-0006-010	79807			P347-0021-000	77250	
307-1216-000	NAS1723-4-3T	80205	1	347-1268-000	P347-1268-000	77250	4
	SE43BRSH	61957			347-1268-000	95105	
310-0045-000	CRES125IDX3120DX025TH	79807	4	350-4008-010	10167-100K	33256	5
	310-0045-000	79807			199901-1003FB	07716	
310-0468-020	310-0468-020	70318	2	350-4008-020	10168-10K	33256	2
	3802-04-03	78189			1316BX103	01121	
310-0779-030	MS15795-803	96906	4	350-4027-090	MDP1403103G	91637	1
310-6320-000	310-6320-000	79807	24		314B103	01121	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
139-2336-000	100-200-5-10	99378	8	240-2027-000	MS75084-04	96906	17
	6009-8A	91506			1025-28K	99800	
183-1277-010	600D157G050DL4	56289	6	240-2031-000	MS75084-08	96906	20
	600D157G050DL5	56289		240-2553-000	MS90540-13	96906	8
	600D157G050DL5	56298			2500-54J	99800	
183-1277-290	600D706G040DE5	56289	3	240-2715-390	IMS5-32	91637	2
	600D706G040DE5	56298			MS75089-13	96906	
183-1277-350	600D107G050DJ5	56289	3	266-0243-020	01-70-0305	27264	1
	600D107G050DJ5	56298			3-435640-6	00779	
184-2551-140	195D476X0010Z1	56289	4		76SB05S	81073	
	195D476X0010Z2	56289		266-0243-220	2-435668-5	00779	4
184-7393-000	T110A473M035AS	31433	4		4-435668-3	00779	
	150D473X0035A2	56289			435668-5	00779	
	40SS473A035M1	26769		266-0243-230	3-435668-0	00779	2
	40SS473A035M1A	26769			435668-9	00779	
184-7704-000	T110B225K035AS	31433	1	266-0243-240	2-435668-8	00779	2
	150D225X9035B2	56289			4-435668-5	00779	
	40SS225B035K1X0FB	26769			435668-7	00779	
184-8363-000	T111A115K020AS	31433	1	266-0243-250	2-435668-9	00779	1
	151D115X9020W2	56289			435668-8	00779	
	40NS115W020K1	26769		266-0243-260	3-435668-4	00779	6
184-9086-140	M39003-01-2254	81349	11		435668-3	00779	
	M39003-01-2974	81349		266-0243-270	435668-1	00779	5
184-9086-170	M39003-01-2257	81349	29		435668-1	27264	
	M39003-01-2977	81349		280-2745-040	M39018-01-1161M	81349	21
184-9086-250	M39003-01-2265	81349	6		280-2745-040	12998	
	M39018-01-2265	81349		280-3778-010	280-3778-010	0BU16	1
184-9086-660	M39003-01-2306	81349	5		280-3778-010	12998	
	M39003-01-3026	81349			280-3778-010	93108	
184-9086-720	M39003-01-2312	81349	3	280-3778-100	280-3778-100	0BU16	2
	M39003-01-3032	81349			280-3778-100	08016	
184-9087-430	M39003-01-2356	81349	14		280-3778-100	12998	
	M39003-01-3076	81349			280-3778-100	93108	
220-0075-030	ICL163S6T	06776	5	288-0815-010	21-030F	33062	23
	TSW3800-16BW	23880			56-590-65-4B	02114	
	2-641262-1	00779			59065-4B	02114	
	641262-1	00779		288-2154-000	56-590-65-4A6	02114	8
220-0075-050	ICL246S7T	06776	8		57-0180	78488	
	TSW3800-24BW	23880		289-7128-060	289-7128-060	75378	1
	TSW3800-40BW	23880			289-7128-060M2	00136	
	2-641266-1	00779			289-7128-060M2	75378	
220-0075-070	TSW3800-40BW	23880	3		9-7128-06	75378	
	2-641268-1	00779			9712806	00136	
	641268-1	00779		289-7193-060	289-7193-060	13571	1
220-0075-090	TSW3800-18BW	23880	1		289-7193-060M20	00136	
	2-641263-1	00779			9-7193-060	25120	
220-0075-150	ISW3800-40BW	23880	1	289-7193-070	289-7193-070	13571	1
	2-641268-2	00779			289-7193-070M20	00136	
	641268-2	00779			9719307	25120	
220-0076-010	220-0076-010	22526	90	289-7193-090	289-7193-090	13571	1
	741	15912			289-7193-090M20	00136	
240-0957-030	BP3132-3	99800	4		97193090	25120	
	3132-3	99800		289-7291-010	289-7291-010	00136	2
240-2013-000	MS75083-03	96096	4		9729101	00136	
	MS75083-03	96906		290-9606-000	09606	25120	7
240-2014-000	MS75083-04	96906	2		09606	75378	
240-2023-000	MS75083-13	96906	2		290-9606-000M21	00136	

**COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001**

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 163, 34-35-10

Subject: Alternate Vendor Index

Replace the existing Alternate Vendor Index (pages 163 thru 175/176) with the new index supplied on the following pages.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

4. Alternate Vendor Index

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
139-2336-000	100-200-5-10	99378	8	293-1313-010	2Q82	00136	2
266-0243-260	3-435668-4	00779	3	220-0075-150	ISW3800-40BW	23880	1
	6009-8A	91506			5369	25120	
	435668-3	00779			2-641268-2	00779	
183-1277-010	600D157G050DL5	56289	6		7356	25120	
266-0243-270	435668-1	00779	5		641268-2	00779	
	600D157G050DL5	56298		293-1313-020	2Q59	00136	3
	435668-1	27264		220-0076-010	220-0076-010	22526	90
183-1277-290	600D706G040DE5	56289	3		5878	25120	
280-3778-010	280-3778-010	12998	1		741	15912	
	600D706G040DE5	56298			7357	25120	
	280-3778-010	93108		240-0957-030	BP3132-3	99800	4
183-1277-350	600D107G050DJ5	56289	3	302-0640-100	MW425-120	08289	2
280-3778-100	280-3778-100	08U16	2		3132-3	99800	
	600D107G050DJ5	56298			302-0640-100	16037	
	280-3778-100	12998		240-2027-000	MS75084-04	96906	17
184-2551-140	195D476X0010Z1	56289	4	302-4800-000	FBR0-116IDX1-40D	74921	10
	280-3778-100	93108			1025-28K	99800	
	195D476X0010Z2	56289			302-4800-000	74921	
288-0815-010	21-030F	33062	23	240-2553-000	MS90540-13	96906	8
184-7393-000	T110A473M035AS	31433	4	304-0014-000	4040-2	77147	3
	56	02114			2500-54J	99800	
	150D473X0035A2	56289			634	79963	
289-7128-060	289-7128-060	75378	1	240-2715-390	IMSS-32	91637	2
	40SS473A035M1	26769		304-0015-000	4007-4	77147	10
	289-7128-060M2	00136			MS75089-13	96906	
	40SS473A035M1A	26769			4007-4HTD	77147	
	289-7128-060M2	75378		266-0243-020	01-70-0305	27264	1
184-7704-000	T110B225K035AS	31433	1	304-0016-000	304-0016-000	79807	2
	9-7128-06	75378			3-435640-6	00779	
	150D225X9035B2	56289			4007-6HTD	77147	
	9712806	00136			76SB05S	81073	
	40SS225B035K1X0FB	26769		304-0017-000	304-0017-000	79807	1
289-7193-060	289-7193-060	13571	1	266-0243-220	2-435668-5	00779	4
184-8363-000	T111A115K020AS	31433	1		4007-8HTD	77147	
	289-7193-060M20	00136			4-435668-3	00779	
	151D115X9020W2	56289		305-1731-000	MS16535-52	96906	13
	9-7193-060	25120			435668-5	00779	
	40NS115W020K1	26769			305-1731-000	12014	
289-7193-070	289-7193-070	13571	1	266-0243-230	3-435668-0	00779	2
220-0075-030	TSW3800-16BW	23880	5	305-1755-000	MS16535-76	96906	8
	289-7193-070M20	00136			435668-9	00779	
	2-641262-1	00779			305-1755-000	12014	
	9719307	25120		266-0243-240	2-435668-8	00779	2
	641262-1	00779		305-2083-010	MS20470AD2-2	98996	23
289-7193-090	289-7193-090	13571	1		4-435668-5	00779	
220-0075-050	TSW3800-24BW	23880	8		305-2083-010	10472	
	289-7193-090M20	00136			435668-7	00779	
	TSW3800-40BW	23880		306-0749-020	16236B	88245	1
	97193090	25120		266-0243-250	2-435668-9	00779	1
	2-641266-1	00779			229-1002-000590	98291	
289-7291-010	289-7291-010	00136	2		435668-8	00779	
220-0075-070	TSW3800-40BW	23880	3	306-0991-000	AB368-3	12615	2
	9729101	00136			16154C5	88245	
	2-641268-1	00779		350-4008-020	10168-10K	33256	2
290-9606-000	09606	25120	7	306-1104-000	003-57005-000789	05276	1
	641268-1	00779			1316BX103	01121	
	09606	75378			1495B	88245	
220-0075-090	TSW3800-18BW	23880	1	350-4027-090	MDP1403103G	91637	1
	290-9606-000M21	00136			306-1104-000	27494	
	2-641263-1	00779			314B103	01121	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
306-2222-100	SL441-434	12615	4	350-4030-120	316A273	01121	
	4114R001-103	4J937			RKTS440-4	30343	
	SL441-434DWHITE	12615			4116R002-273	4J937	
	4114R1-103	4J937		333-0604-000	68-1660-26	51792	16
	004-3401-000599	98291			4116R2-273	4J937	
	760-3R10K	11236			68-1660-26	72962	
306-2293-000	572-4878-01-05-16	71279	3		761-1R27K	11236	
350-4027-100	MDP1401563G	91637	1	333-0605-000	333-0605-000	79807	9
	572-4878-1-0516	71279		350-4030-160	MDP1603-221J	91637	3
	314A563	01121			68-1660-40	72962	
306-2474-010	SL354-351	12615	3		316B221	01121	
	4114R002-563	4J937		333-0837-000	M45938-5-1	81349	12
	SL354-351WHT	12615			4116R001-221	4J937	
	4114R2-563	4J937			R22NCFMA1-26	72962	
	002-3402-000599	98291			4116R1-221	4J937	
	760-1R56K	11236			333-0837-000	D0115	
	306-2474-010	98291			761-3R220	11236	
350-4027-120	MDP1401103G	91637	3	333-0839-000	M45938-5-3	81349	115
306-2690-010	SE19D01	81349	2	351-0043-030	MC1596F	27014	2
	314A103	01121			R22NCFMA1-40	72962	
	572-4838-1-0519	OSRA2			MC1596L	04713	
	4114R002-103	4J937			333-0839-000	D0116	
307-0003-030	CME36	04264	1	351-0570-010	0P20-027Z	06665	7
	4114R2-103	4J937		333-0841-000	M45938-5-5	81349	12
	CME36B	04264			0P20-027Z	24355	
	760-1R10K	11236			R12NCFMA1-62	72962	
	307-0003-030	10472			0P20CZ	24355	
350-4027-170	MDP1403473G	91637	1		333-0841-000	D0116	
307-0006-010	SE55	07707	4	351-0656-010	LM2901	01295	1
	314B473	01121		340-0044-000	MS16624-5039	96906	NA
	307-0006-010	79807			LM2901	04713	
	4114R001-473	4J937			5100-39C	79136	
307-1216-000	NAS1723-4-3T	80205	1		LM2901	18324	
	4114R1-473	4J937		340-0644-000	BRYLMC0P0-135DX0-125L	91314	207
	SE43BRSHT	61957			LM2901D	04713	
	760-3R47K	11236			340-0694-000	91314	
310-0045-000	CRES1251DX3120DX025TH	79807	4	351-0751-010	MC78L05ACD	04713	1
350-4027-180	MDP1403104G	91637	3	343-0124-000	MS51957-3	96906	16
	310-0045-000	79807			8L05A	04713	
	314B104	01121			MS51957-9	96906	
310-6320-000	310-6320-000	79807	24	351-1035-010	CA0723T	02735	3
	4114R001-104	4J937		350-4008-010	10167-100K	33256	5
	310-6320-000	9Y976			CA0723T21	02735	
	4114R1-104	4J937			199901-1003FB	07716	
310-6340-000	CRES0-1251DX0-2810D	79807	6		CA723T	02735	
	760-3R100K	11236		351-1035-010	CA723T21	02735	
	310-6340-000	79807		351-1271-020	LM117HP	27014	
350-4029-010	MDP16-00S189	91637	2		RM723T	49956	
	310-6340-000	9Y976			SG10728	34333	
	16-21C223-503	80294		351-1040-020	LM101AH	27014	4
313-0132-000	NAS671C4	80205	56		SG117T	34333	
	350-4029-010	11236			LM101AH	64155	
	313-0132-000	77250		351-1271-030	LM117K	27014	6
	350-4029-010	4J937			SG101AT	34333	
330-1716-160	PSVTCRES112-40X375IN	56878	20		LM117K	64155	
	4116R21C	80294			UA101AHM	27014	
	330-1716-160	56878			LM117KSTEEL	27014	
	841-85	11236			101AHM	27014	
330-1717-010	FHS440-4	46384	6		LM117KSTEELE	27014	
350-4030-120	MDP1601-273J	91637	1	351-1112-010	MC1536G	04713	4
	M63540-1-6C	81349			LM117KSTEELEB	27014	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-1112-010	SG1536T	34333		351-1527-010	SN54LS190J	01295	
	LM117KSTEELP	27014		351-1218-050	LM120H8-0	27014	5
351-1112-030	MC1536U	04713	2		SN54LS190J	34335	
	LM117KSTL	27014			SG120-08T	34333	
	SG1536Y	34333			S54LS190F	18324	
	SG117K	34333			SG120T8	34333	
	1536U	04713		351-1527-020	DM54LS191J	27014	6
351-1286-010	MC1558U	04713	25	351-1261-010	LM741J	27014	12
351-1122-030	LM139J	01295	8		DM54LS191J883C	27014	
	RM4558DE	07933			MC1741U	04713	
	LM139J	04713			SN54LS191J	01295	
	SG1558Y	34333			UA741RM	27014	
	LM139JB	01295			SN54LS191J	04713	
	UA1558RM	07263			741RM	27014	
	139J	04713			SN54LS191J	34335	
351-1286-050	MC1558U	04713	9	351-1261-020	LT1006MJ8	64155	8
351-1122-040	LM3302N	27014	16	351-1653-010	SP8680A	K7766	3
	RM4558D	49956			UA741ARM	07263	
	LM3302N	34333			SP8680ADG	K7766	
	RM4558DE	07933		351-1262-010	UA148DM	07263	NA
	LM3302N	34335			11C90DM	07263	
	RM4558DE	49956			UA348PC	07263	
	MC3302N	18324		351-1656-010	SN54S74J	01295	1
351-1345-020	LM137H	27014	1	351-1262-020	LM148J	27014	92
	MC3302P	04713			54S74DM	07263	
	LM137H	64155			PM148Y	06665	
	SG3302N	34333		351-1660-010	CPN	01295	1
	LM137HA	27014			UA148DM	07263	
	UA3302PV	27014			351-1660-010	01295	
	LM137HB	27014		351-1271-020	LM117H	27014	3
	3302PV	27014		351-1738-010	SN54LS93J	01295	1
	LM137HP	27014			LM117H	64155	
351-1159-030	AD11-99	24355	12		SN54LS93J	04713	
	SG137T	34333			LM117HA	27014	
	AD7520JD	32293			54LS93BCAJC	04713	
351-1523-010	DM54LS00J883	27014	2		LM117HB	27014	
	AD7533AQ	24355		351-1957-010	AM27S181BJA	34335	1
	SN54LS00J	01295			53S881AJ883B	34335	
	MP7533AD	54186		351-7689-010	SN5404J	01295	
	SN54LS00J	04713			53S881J883B	34335	
351-1159-040	AD11-107	24355	10		S5404F	18324	
	54LS00DMQB	27014			82S181BJA	18324	
	AD7520KD	32293			5404DM	07263	
	54S00DM	07263			82S181CJA	18324	
	AD7533BQ	24355			5404DM	27014	
351-1525-010	DM54LS74J883	27014	1	351-2420-010	ILS	12050	4
	MP7533BD	54186		351-7695-010	DM5493AJ	27014	1
	SNJ54LS74AJ	01295			ILS5515	12050	
351-1218-020	LM120K12	27014	3		SN5493AJ	01295	
	SN54LS74AJ	01295		351-2420-020	ATF325	25403	NA
	LM120K12A	27014			5493DM	07263	
	SN54LS74AJ	04713			PCA325	25403	
	LM120K12B	27014		351-7786-010	MC12514L	04713	5
	54LS74ABCAJC	04713		351-2422-010	PBF	12050	3
	LM120K12P	27014			SC12514L	04713	
351-1527-010	DM54LS190J	27014	6		PBF5542	12050	
	SG120-12K	34333			12514BEA	04713	
	DM54LS190J883	27014			11426-001	50828	
	SG120K12	34333			12514BEAJC	04713	
	DM54LS190J883C	27014		351-2423-010	V0R	12050	2
	12337	34333		351-7786-012	12514BEAJC	04713	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-7786-012	V0R55-55	12050		351-8177-010	CD4040BF	02735	16
	5962-8775101MEA	04713		351-3703-170	CD74HC191M	02735	3
	V0R5555	12050			CD4040BF	34371	
351-8159-090	CD4020BCN	27014	3		HC191	02735	
351-3701-010	CD74HC00M	02735	1		CD4040BMJ	27014	
	CD4020BE	02735			74HC191D	18324	
	HC00	01295			CD40440BF	02735	
	CD4020BE	34371		351-3705-010	CD74HC04M	02735	2
	HC00	02735			CD40440BF	07263	
	MC14020BCP	04713			HC04	01295	
	SN74HC00D	01295			MC14040BCL	04713	
	SCL4020BE	31019			HC04	02735	
351-3701-020	HC02	01295	1		4040BDM	07263	
	4020BPC	07263			SN74HC04D	01295	
	HC02	4CH66		351-8180-010	CD4508BF	34371	9
351-8159-210	CD4049CN	27014	3	351-3706-070	CD74HC74M	02735	2
	MC74HC02D	04713			CD4508BF3A	34371	
	CD4049UBE	02735			HC74	01295	
	SN74HC02D	01295			MC14508BAL	04713	
	CD4049UBE	34371			HC74	02735	
	74HC02D	4CH66			MC14508BCL	04713	
	F4049BPC	07263			HC74A	04713	
351-3701-050	HC10	01295	1		14508BBJXC	04713	
	MC14049UBCP	04713			MC74HC74AD	04713	
	HC10	04713		351-8184-010	CD4023UBF	02735	1
	SCL4049UBE	31019			SN74HC74D	01295	
	HC10	4CH66			CD4023UBF3A	02735	
351-8160-010	CD4001UBF	34371	3	351-7689-010	DM5404J	27014	1
	MC74HC10D	04713			MC14023UBAL	04713	
	MC14001UBAL	04713		351-8184-010	MC14023UBCL	04713	
	SN74HC10D	01295		351-8289-010	CD4085BF	02735	7
	MC14001UBCL	04713			14023ABCAJC	04713	
	74HC10D	4CH66			CD4085BF	34371	
	SCL4001UBC	31039		351-8186-010	CD4024BF	02735	15
351-3701-140	HC132	01295	2	351-8296-010	CD4520BF	34371	2
351-8160-030	CD4013BF	34371	25		CD4024BF	34371	
	HC132	4CH66			CD4520BF3A	34371	
	MC14013BAL	04713			MC14024BAL	04713	
	MC74HC132D	04713			CD4520BMJ	27014	
	MC14013BCL	04713			MC14024BCL	04713	
	SN74HC132D	01295		351-8297-010	CD4081BF	02735	10
	SCL4013BC	31039			UA1558RM	07263	
	74HC132D	4CH66			CD4081BF	34371	
351-8161-010	CD4020BF	02735	13	351-8187-010	CD4022BF	02735	6
351-3703-100	CD74HC161M	02735	2		MC14081BAL	04713	
	CD4020BF	34371			CD4022BF	34371	
	HC161	01295			MC14081BCL	04713	
	CD4020BMJ	27014			CD4022BF3A	34371	
	HC161	02735			14081BBCAJC	04713	
	MC14020BCL	04713			CD4022BMJ	27014	
	HC161A	04713		351-8306-010	CD4071BF	02735	4
	4020BDM	07263			CD4022BMJ883	27014	
	MC74HC161AD	04713			CD4071BF3A	02735	
351-8175-010	CD4021BF	34371	6		CD4022BMJ883C	27014	
	SN74HC161D	01295			CD4071BMJ	27014	
	MC14021BAL	04713			MC14022BAL	04713	
351-3703-130	CD74HC390M	02735	1		CD4071BMJ883	27014	
	MC14021BCL	04713			MC14022BCL	04713	
	HC390	02735			MC14071BAL	04713	
	4021BDM	07263			14022BCAJC	04713	
	74HC390D	18324			MC14071BCL	04713	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
351-8189-010	CD4015BF	02735	3	351-8384-020	91177	02735	
	140718BCAJC	04713		351-8259-030	CD4046BF	02735	4
	CD4015BF	34371		351-8384-040	CDP1832DS2244	34371	4
351-8308-020	CD4069UBF	02735	1		CD4046BF	34371	
	MC14015BCL	04713			CDP1832D91179	02735	
	CD4069UBF	34371			14046BBEAJC	04713	
351-8197-010	CD4049MJ	27014	31		CD40032D84916	02735	
	MC14069UBCL	04713		351-8273-010	CD4028BF	34371	3
	CD4049UBF	02735			84916	02735	
	4069UBDM	27014			CD4028BF3A	34371	
	CD4049UBF3A	02735			91179	02735	
351-8314-020	MC14572UBAL	04713	2		CD4028BMJ	27014	
	MC14049UBAL	04713		351-8406-030	SCM45676LK	04713	6
	MC14572UBCL	04713			CD4028BMJ883	27014	
	MC14049UBCL	04713			351-8406-030	04713	
	14572ABEAJC	04713			CD4028BMJ883C	27014	
351-8201-030	CD4042BF	02735	4	351-8406-040	SCM45957LK	04713	6
351-8326-010	CD4018BF	02735	3		MC14028BAL	04713	
	CD4042BF	34371			351-8406-040	04713	
	CD4018BF	34371			MC14028BCL	04713	
	CD4042BMJ	27014			351-8406-040	60496	
	CD4018BMJ	27014		351-8407-020	CD4070BF	34371	6
	MC14042BCL	04713		352-1227-010	BF995	25088	1
	MC14018BCL	04713			MC14070BAL	04713	
	4042BDM	27014			MB	25088	
351-8332-020	CD4093BF	34371	4		MC14070BCL	04713	
351-8233-010	CD4029BF	02735	14	352-1227-020	BF996	25088	4
	CD4093BMJ	27014		351-8418-010	CD4077BF	34371	1
	CD4029BF	34371			BF996S	25088	
	CD4093BMJ883C	27014			MC14077BAL	04713	
	CD4029BMJ	27014		352-7956-010	MMBT918	04713	1
	MC14093BAL	04713			MC14077BCL	04713	
	MC14029BAL	04713			M3B	04713	
	MC14093BCL	04713		351-8436-030	AM27S31BJA	34335	1
	MC14029BCL	04713			3B	04713	
351-8334-010	CD4502BF	34371	4		HM1-7641-2	34371	
351-8236-040	CD4053BF	02735	34	352-9113-010	BSR14	25403	4
	MC14502BAL	04713			53S485JS883B	34335	
	CD4053BF3A	02735			MMBT2222A	04713	
	MC14502BCL	04713		351-8454-020	CDP1802AD	02735	5
	MC14053BAL	04713			MMBT2222AL	04713	
351-8346-030	CD4094BF	02735	12		CDP1802AD3	02735	
	MC14053BCL	04713			MMBT2222ALT1	04713	
	MC14094BAL	04713			CDP1802AD3	34371	
	14053BBEAJC	04713			PMBT2222A	25403	
	MC14094BCL	04713			CDP1802D3	34371	
351-8258-010	CD4027BMJ	27014	11		U8	25403	
351-8384-010	CDP1832DS2241	02735	1	351-8507-020	CDP1824D	02735	4
	CD4027BMJ	7D893			1P	04713	
	CDP1832D91176	02735			CDP1824D3	34371	
	MC14027BAL	04713		352-9114-020	BSR16	25403	4
	84862	02735		351-8804-130	CD54HC32F	02735	1
	MC14027BCL	04713			MMBT2907AL	04713	
	91176	02735			MC54HC32AJ	04713	
351-8259-010	CD4046BF	02735	6		M2B	04713	
351-8384-020	CDP1832DS2242	34371	1		SN54HC32J	01295	
	CD4046BF	34371			T7	25403	
	CDP1832D91177	02735		352-0440-000	2N918	04713	6
	MC14046BCL	04713			2B	04713	
	84863	02735			2N918	07263	
	14046BBEAJC	04713		352-9524-000	D306-03	06090	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
352-9524-000	2N918	49956		353-3691-010	1N5711	28480	
	90-111	53174		352-0838-010	NE85634	D0009	1
352-0551-010	2N2907A	04713	9		5082-2800	28480	
352-9605-140	43-02-9	13103	32		2SC3357	D0009	
	2N2907A	07263		353-3718-070	IN5553	14099	10
	43-03-8	13103		352-1006-020	64906	02735	6
	2N2907A	49956			UT1519	12969	
352-9605-220	352-9605-220	53174	11		64906	34371	
352-0596-030	2N2369A	04713	3		1N5553	14099	
	43-77-1	13103		352-1093-010	FMNZ561	22229	4
	2N2369A	14433			1N5553	14936	
353-2724-000	1N758A	04713	3		3N187	02735	
	2N2369A	49956		353-6442-050	IN4005	04713	13
	1N758A	12954			1N4005	14936	
352-0605-010	2N2608	04713	4	372-2601-026	372-2601-026	13499	
	1N758A	14433			1N4005GP	14433	
	2N2608	22229		372-2601-027	NA1104-027	57863	2
353-3184-000	1N973B	04713	3		1N4005GP	14936	
352-0661-010	2N2219A	04713	6		372-2601-027	13499	
	1N973B	12954			4005	14936	
	2N2219A	27014		372-2601-033	NA1104-033	57863	35
	1N973B1	04713		353-6556-010	1N5614	12969	6
	2N2219A	49956			372-2601-033	13499	
	1N973B1	12954			1N5614	14552	
352-0661-020	2N2222A	04713	11	372-2601-045	NA1104-045	57863	105
	1N973B1	14433			1N5614	14936	
	2N2222A	27014			372-2601-045	4V792	
353-3591-060	1N4104	04713	4	353-8133-060	MMBZ5231B	04713	5
	2N2222A	49956		372-2601-087	NA1104-087	57863	51
	1N4104	12954			MMBZ5231BL	04713	
352-0734-020	2N3700	04713	5		372-2601-087	4V792	
353-3591-080	1N4106	04713	2	353-8135-040	MMBD914	04713	2
	2N3700	49956		372-2601-161	NA1103-161	57863	10
	1N4106	12954			MMBD914L	04713	
	2N3700S	04713			372-2601-161	4V792	
353-3591-110	1N4109	04713	2		5D	04713	
352-0740-010	2N4220	04713	2	373-0154-000	373-0154-000	79807	52
	1N4109	12954		353-8137-010	BAL74	12954	1
	2N4220	27014			4704-04-01-4102	78189	
353-3591-480	MZ4624	12954	2		BAL74	25088	
352-0756-010	2N4416	04713	NA	380-1080-060	RJ24CP501	32997	6
	1N4624	04713		353-8137-090	BAW100	12954	3
	2N4416	15818			RJ24FP501	32997	
	1N4624	12954			BAW100	32421	
352-0756-120	FFE265U8	04713	6	380-1080-070	RJ24CP102	32997	1
353-3591-490	MZ4625	12954	3	353-9039-020	JANTXIN4616	81350	3
	ITS31274	32293			RJ24FP102	32997	
	1N4625	04713			JANTXIN4616	81350	
	SF50154	12040		380-1080-080	RJ24CP202	32997	6
	1N4625	12954		357-7552-010	051-424-3196-220	98291	2
	SF50154	27014			RJ24FP202	32997	
353-3644-010	1N4454	07263	199		51-424-3196	98291	
352-0782-030	2N4923	A2270	3	380-1080-090	RJ24CP502	32997	1
	1N4454	12969			7202-1572-102	19505	
	2N4923	04713			RJ24FP502	32997	
	1N4454-1	07263		357-7552-020	051-428-3196-220	98291	1
	2N4923	27014		380-1080-100	RJ24CP103	32997	9
	1N4454-1	12969			7405-1521-102	19505	
352-0792-020	2N5179	04713	3		RJ24FP103	32997	
353-3691-010	HP2800	28480	4	357-9917-010	M39012-71-0001	81349	2
	2N5179	27014		380-1080-110	RJ24CP203	32997	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
380-1080-110	M39012-71-0003	81349		372-2601-010	8024EKP501	30983	
	RJ24FP203	32997			372-2601-010	13499	
370-0056-010	DPX2-41657-4-02	71468	1	382-0052-070	3292P1-102	80294	1
380-1080-130	RJ24CP503	32997	1	372-2601-026	NA1104-026	57863	16
	041657-4-02	71468			64P102	02111	
	RJ24FP503	32997		382-0052-070	64P102	16556	
371-0390-010	DBU110977-6	71468	2	642-4201-001	P347-1268-000	77250	
380-1080-220	RJ24CW201	32997	2		8024EKP102	30983	
	DBU110977-6A176	71468		668-0165-010	A202	57996	3
	RJ24FW201	32997		382-0052-080	3292P1-202	80294	4
	205738-5	00779			17665	07388	
380-1080-230	RJ24CW501	32997	2		64P202	02111	
372-0033-010	534236-4	00779	17		26-5388-01	11402	
	RJ24FW501	32997			8024EKP202	30983	
	86418-7	00779		677-0035-000	A1090	31669	6
380-1080-240	RJ24CW102	32997	1	382-0052-090	3292P1-502	80294	2
372-0033-020	534236-8	00779	10		A1090	80223	
	RJ24FW102	32997			64P502	02111	
	86418-5	00779			ER499	31669	
380-1080-260	RJ24CW502	32997	5		8024EKP502	30983	
372-0043-160	1-103167-7	00779	5		ER499	80223	
	RJ24CW502	80294		382-0052-100	3292P1-103	80294	11
	87476-6	00779			167	31669	
	RJ24FW502	32997			64P103	02111	
372-0043-260	2-103167-7	00779	1		167	80223	
380-1080-270	RJ24CW103	32997	3		8024EKP103	30983	
	87476-8	00779		677-1521-000	A1415	31669	1
	RJ24FW103	32997		382-0052-110	3292P1-203	80294	6
372-0043-480	1-103169-8	00779	2		EH510	53342	
380-1080-390	RJ24CX201	32997	2		64P203	02111	
	111357-9	00779			EH510	80223	
	RJ24FX201	32997			8024EKP203	30983	
	87478-7	00779		677-1522-000	A1475	31669	1
382-0051-050	3386P1-102	80294	2	382-0052-130	3292P1-503	80294	3
372-0043-530	2-103169-3	00779	3		EH511	53342	
	63PR202T636	02111			64P503	02111	
	87478-8	00779			EH511	80223	
382-0051-060	3386P1-202	80294	3		8024EKP503	30983	
372-2252-010	NA1113-010	57863	21	705-3535-020	CRCW12061002FB	91637	34
	63PR202-636	02111		382-0052-210	3292X1-500	80294	1
	372-2252-010	57863			9C12063A1002FKR	19701	
382-0051-070	3386P1-502	80294	6		64X500	02111	
372-2252-020	NA1113-020	57863	470		9C12063A1002FKR	80031	
	63PR502T636	02111			8024EKX500	30983	
	372-2252-020	57863		705-3535-030	CRCW12062002FB	91637	2
382-0051-080	3386P1-103	80294	11	382-0052-230	3292X1-201	80294	1
372-2330-170	1-102386-6	00779	1		9C12063A2002FKR	19701	
	63PR103T636	02111			64X201	02111	
	201185-08	16512			9C12063A2002FKR	80031	
382-0051-100	3386P1-503	80294	5		8024EKX201	30983	
372-2334-110	102645-3	00779	2	705-3535-060	CRCW12061003FB	91637	1
	63PR503T636	02111		382-0052-250	3292X1-102	80294	1
	372-2334-110	00779			9C12063A1003FKR	19701	
382-0051-110	3386P1-104	80294	3		64X102	02111	
372-2334-190	1-102645-8	00779	3		9C12063A1003FKR	80031	
	63PR104T636	02111			8024EKX102	30983	
	102645-4	00779		705-3535-200	CRCW12061001FB	91637	12
382-0052-060	3292P1-501	80294	4	382-0052-410	3292W1-201	80294	1
	372-2334-190	00779			9C12063A1001FKR	19701	
	64P501	02111			64W201	02111	
372-2601-010	NA1104-010	57863	2		9C12063A1001FKR	80031	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
382-0052-410	8024EKW201	30983		705-3538-470	CRCW12065112FB	91637	2
705-3535-230	CRCW12062430FB	91637	2		9C12063A1211FKR	19701	
382-0052-450	3292W1-502	80294	1		9C12063A5112FKR	19701	
	9C12063A2430FKR	19701			9C12063A1211FKR	80031	
	64W502	02111			9C12063A5112FKR	80031	
	9C12063A2430FKR	80031		705-3537-090	CRCW12061241FB	91637	1
	8024EKW502	30983		705-3538-480	CRCW12065232FB	91637	2
705-3535-270	CRCW12061212FB	91637	1		9C12063A1241FKR	19701	
382-0052-460	3292W1-103	80294	1		9C12063A5232FKR	19701	
	9C12063A1212FKR	19701			9C12063A1241FKR	80031	
	64W103	02111			9C12063A5232FKR	80031	
	9C12063A1212FKR	80031		705-3537-160	CRCW12061471FB	91637	1
	8024EKW103	30983		705-3539-140	CRCW120610R0FB	91637	8
705-3535-300	CRCW12063321FB	91637	3		9C12063A1471FKR	19701	
425-0001-000	QQB575R36T062	16428	AR		9C12063A10R0FKR	19701	
	9C12063A3321FKR	19701			9C12063A1471FKR	80031	
	QQB575R36T062	81348			9C12063A10R0FKR	80031	
	9C12063A3321FKR	80031		705-3537-330	CRCW12062211FB	91637	1
425-1538-000	M17-093RG178	81349	AR	705-3539-170	CRCW120610R7FB	91637	1
705-3535-330	CRCW12068061FB	91637	1		9C12063A2211FKR	19701	
	RG178BU	81349			9C12063A10R7FKR	19701	
	9C12063A8061FKR	19701			9C12063A2211FKR	80031	
540-9041-003	NAS620C4L	80205	7		9C12063A10R7FKR	80031	
	9C12063A8061FKR	80031		705-3537-430	CRCW12062871FB	91637	2
	8106A0440-16	06540		705-3539-510	CRCW120624R3FB	56845	2
705-3535-420	CRCW12062101FB	91637	2		9C12063A2871FKR	19701	
540-9049-003	NAS620C5	80205	3		CRCW120624R3FB	91637	
	9C12063A2101FKR	19701			9C12063A2871FKR	80031	
	8109A0440-16	06540		705-3539-550	CRCW120626R7FB	56845	1
	9C12063A2101FKR	80031		705-3537-530	CRCW12063921FB	91637	3
540-9051-003	MS35338-135	96906	2		CRCW120626R7FB	91637	
705-3535-510	CRCW12062670FB	91637	1		9C12063A3921FKR	19701	
	8110A0440-16	06540		705-3539-790	CRCW120647R5FB	56845	5
	9C12063A2670FKR	19701			9C12063A3921FKR	80031	
635-5708-001	LA7085	D0212	5		CRCW120647R5FB	91637	
	9C12063A2670FKR	80031		705-3537-600	CRCW12064751FB	91637	11
	LA7086	D0212		705-3539-840	CRCW120653R6FB	91637	2
705-3535-590	CRCW12063320FB	91637	1		9C12063A4751FKR	19701	
	RCR07G562KR	81349			9C12063A53R6FKR	19701	
	9C12063A3320FKR	19701			9C12063A4761FKR	80031	
	1N5141A	01281			9C12063A53R6FKR	80031	
	9C12063A3320FKR	80031		705-3537-620	CRCW12065111FB	91637	1
	635-5708-001	D0212		705-3539-860	CRCW120656R2FB	91637	1
705-3535-730	CRCW12064750FB	91637	11		9C12063A5111FKR	19701	
635-5708-002	DV11PS8A	30153	1		9C12063A56R2FKR	19701	
	9C12063A4750FKR	19701			9C12063A5111FKR	80031	
	LA7086	D0212			9C12063A56R2FKR	80031	
	9C12063A4750FKR	80031		705-3537-650	CRCW12065491FB	91637	1
	QC82pf	95121		705-3540-380	CRCW12061960FB	56845	1
705-3535-870	CRCW12066810FB	91637	1		9C12063A5491FKR	19701	
	635-5708-002	D0212			9C12063A1960FKR	19701	
	9C12063A6810FKR	19701			9C12063A5491FKR	80031	
635-5708-003	LA7087	D0212	1		9C12063A1960FKR	80031	
	9C12063A6810FKR	80031		705-3537-660	CRCW12065621FB	91637	4
	635-5708-003	D0212		705-3540-490	CRCW12062870FB	56845	1
705-3535-910	CRCW12067500FB	91637	1		9C12063A5621FKR	19701	
642-4201-001	NA1104-087	57863	5		9C12063A2870FKR	19701	
	9C12063A7500FKR	19701			9C12063A5621FKR	80031	
705-3535-910	9C12063A7500FKR	80031			9C12063A2870FKR	80031	
705-3538-450	9C12063A4752FKR	80031		705-3537-750	CRCW12067501FB	91637	1
705-3537-080	CRCW12061211FB	91637	1	714-1135-420	DS125-471J	15454	2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
714-1135-420	9C12063A7501FKR	19701		745-0725-000	RCR07G473JS	81349	
	QTM12-471J	56866			RCR07G221KS	81349	
	9C12063A7501FKR	80031		745-0809-000	RCR07G473KR	81349	50
	TM1-8-470-5	01295		745-0728-000	RCR07G271KR	81349	2
705-3537-880	CRCW12061102FB	91637	1		RCR07G473KS	81349	
745-0677-000	RCR07G100KR	81349	3		RCR07G271KS	81349	
	9C12063A1102FKR	19701		745-0812-000	RCR07G563KR	81349	27
	RCR07G100KS	81349		745-0734-000	RCR07G391KR	81349	1
	9C12063A1102FKR	80031			RCR07G563KS	81349	
745-0680-000	RCR07G120KS	81349	AR		RCR07G391KS	81349	
705-3537-920	CRCW12061242FB	91637	1	745-0815-000	RCR07G683KR	81349	1
	RCR07G150KS	81349		745-0737-000	RCR07G471KR	81349	8
	9C12063A1242FKR	19701			RCR07G683KS	81349	
745-0686-000	RCR07G180KR	81349	AR		RCR07G471KS	81349	
	RCR07G1242FKR	80031		745-0816-000	RCR07G753JR	81349	2
	RCR07G180KS	81349		745-0740-000	RCR07G561KR	81349	AR
705-3537-940	CRCW12061302FB	91637	3		RCR07G753JS	81349	
745-0689-000	RCR07G220KR	81349	AR		RCR07G561KS	81349	
	9C12063A1302FKR	19701		745-0818-000	RCR07G823KR	81349	8
	RCR07G220KS	81349		745-0742-000	RCR07G681JR	81349	2
	9C12063A1302FKR	80031			RCR07G823KS	81349	
745-0691-000	RCR07G270JR	81349	2		RCR07G681JS	81349	
705-3537-980	CRCW12061472FB	91637	1	745-0821-000	RCR07G104KR	81349	81
	RCR07G270JS	81349		745-0743-000	RCR07G681KR	81349	3
	9C12063A1472FKR	19701			RCR07G104KS	81349	
745-0692-000	RCR07G270KR	81349	AR		RCR07G681KS	81349	
	9C12063A1472FKR	80031		745-0830-000	RCR07G184KR	81349	1
	RCR07G270KS	81349		745-0746-000	RCR07G821KR	81349	1
705-3538-140	CRCW12062212FB	91637	4		RCR07G184KS	81349	
745-0695-000	RCR07G330KR	81349	AR		RCR07G821KS	81349	
	9C12063A2212FKR	19701		745-0833-000	RCR07G224KR	81349	4
	RCR07G330KS	81349		745-0748-000	RCR07G102JR	81349	1
	9C12063A2212FKR	80031			RCR07G224KS	81349	
745-0698-000	RCR07G390KR	81349	AR		RCR07G102JS	81349	
705-3538-310	CRCW12063322FB	56845	13	745-0839-000	RCR07G334KR	81349	3
	RCR07G390KS	81349		745-0749-000	RCR07G102KR	81349	19
	9C12063A3322FKR	19701			RCR07G334KS	81349	
745-0701-000	RCR07G470KR	81349	21		RCR07G102KS	81349	
	9C12063A3322FKR	80031		745-0845-000	RCR07G474KR	81349	9
	RCR07G470KS	81349		745-0752-000	RCR07G122KR	81349	12
705-3538-370	CRCW12063922FB	91637	1		RCR07G474KS	81349	
745-0704-000	RCR07G560KR	81349	AR		RCR07G122KS	81349	
	9C12063A3922FKR	19701		745-0854-000	RCR07G824KR	81349	3
	RCR07G560KS	81349		745-0755-000	RCR07G152KR	81349	AR
	9C12063A3922FKR	80031			RCR07G824KS	81349	
745-0707-000	RCR07G680KR	81349	2		RCR07G152KS	81349	
705-3538-450	CRCW12064752FB	91637	2	745-0857-000	RCR07G105KR	81349	8
	RCR07G680KS	81349		745-0758-000	RCR07G182KR	81349	2
	9C12063A4752FKR	19701			RCR07G105KS	81349	
745-0712-000	RCR07G101JR	81349	5		RCR07G182KS	81349	
	RCR07G101JS	81349		745-0893-000	RCR07G106KR	81349	7
745-0803-000	RCR07G333KR	81349	7	745-0761-000	RCR07G222KR	81349	2
745-0713-000	RCR07G101KR	81349	11		RCR07G106KS	81349	
	RCR07G333KS	81349			RCR07G222KS	81349	
	RCR07G101KS	81349		745-2268-000	RCR05G100JS	81349	1
745-0806-000	RCR07G393KR	81349	2	745-0764-000	RCR07G272KR	81349	3
745-0719-000	RCR07G151KR	81349	2		RCR05G100KS	81349	
	RCR07G393KS	81349			RCR07G272KS	81349	
	RCR07G151KS	81349		745-2377-000	RCR05G103JS	81349	4
745-0808-000	RCR07G473JR	81349	2	745-0767-000	RCR07G332KR	81349	12
745-0725-000	RCR07G221KR	81349	2		RCR05G103KS	81349	

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
745-0767-000	RCR07G332KS	81349		833-6048-630	HC74	02735	
745-2410-000	RCR05G823JS	81349	4		RLR07C1501FS	91637	
745-0770-000	RCR07G392KR	81349	9		HC74A	04713	
	RCR05G823KS	81349		833-6048-670	RLR07C1821FR	91637	AR
	RCR07G392KS	81349			HC74A	27014	
745-2413-000	RCR05G104JS	81349	11		RLR07C1821FS	91637	
745-0773-000	RCR07G472KR	81349	42		MC74HC74AD	04713	
	RCR05G104KS	81349		833-6048-690	RLR07C2211FR	91637	AR
	RCR07G472KS	81349			MM74HC74AM	27014	
745-2449-000	RCR05G105JS	81349	3		RLR07C2211FS	91637	
745-0776-000	RCR07G562KR	81349	13		74HC74D	1CH66	
	RCR05G105KS	81349		833-6048-730	RLR07C2741FR	91637	AR
	RCR07G562KS	81349		843-3000-010	BFR84	25403	16
747-5345-000	RS2C138	91637	3		RLR07C2741FS	91637	
745-0779-000	RCR07G682KR	81349	7		8FR84	25403	
	RW69V181	01686		833-6048-750	RLR07C3321FR	91637	AR
	RCR07G682KS	81349		843-9005-010	SX03-002-2015FR	55285	3
747-5417-000	CW5-78	91637	2		RLR07C3321FS	91637	
745-0785-000	RCR07G103KR	81349	139		2015-03	55285	
	RW67V6R8	01686		833-6048-770	RLR07C3921FR	91637	AR
	RCR07G103KS	81349		843-9113-010	MMBT2369	04713	1
747-5485-000	CW5-78	41637	3		RLR07C3921FS	91637	
745-0788-000	RCR07G123KR	81349	1		MMBT2369L	04713	
	RWR67V4R7	81349		833-6051-090	RLR05C10R0FR	91637	1
	RCR07G123KS	81349			M1J	04713	
	RW67V4R7	01686			RLR05C10R0FS	91637	
745-0791-000	RCR07G153KR	81349	3		1J	04713	
747-5553-000	CW5-78	91637	3	833-6051-300	RLR05C47R5FR	91637	1
	RCR07G153KS	81349		849-0025-480	1812-820K	99800	4
	RW67VR51	81349			RLR05C47R5FS	91637	
745-0797-000	RCR07G223KR	81349	22		1812-824K	99800	
747-8156-040	ALB5-9R000F	07716	12	833-6051-770	RLR05C2211FR	91637	1
	RCR07G223KS	81349		850-0011-010	UNCLX1MH	15542	1
	HG5	91637			RLR05C2211FS	91637	
745-0798-000	RCR07G243JR	81349	1		UNCLX1MHH	15542	
	HG5X000D9R000F	91637		834-5005-130	C1206C102K5RAC	31433	11
	RCR07G243JS	81349		852-3001-020	CB50-1812	54583	2
833-6048-570	RLR07C8250FR	91637	AR		12065C102KATBA	31433	
745-0800-000	RCR07G273KR	81349	7		CB50-453215T	54583	
	RLR07C8250FS	91637			12065C102KAT050	31433	
	RCR07G273KS	81349			HF50ACB453215T	54583	
833-6048-580	RLR07C9090FR	91637	AR		12065C102KAT050	96095	
	RLR07C9090FS	91637		912-3309-000	CDB19-5FD821J03	00853	1
835-0096-040	MC79M05BDT	04713	1	834-5005-250	C1206C103K5RAC	31433	35
833-6048-590	RLR07C1001FR	91637	1		DM20FD821J0	61306	
	9M05B	04713			12065C103KATBA	31433	
	RLR07C1001FS	91637			DM20FD821J04CR	14655	
835-0168-010	0P11AY	06665	2		12065C103KAT050	31433	
833-6048-600	RLR07C1101FR	91637	AR		KD20821J501	57582	
	0P11AY	24355			12065C103KAT050	96095	
	RLR07C1101FS	91637		912-4141-020	CDB5CC100D03	53021	1
835-0247-010	LT1006S8	64155	1	834-5005-570	C1210C104K5RAC	31433	22
833-6048-610	RLR07C1211FR	91637	AR		CD5CC100D0	93790	
	1006	64155			12105C104KATBA	31433	
	RLR07C1211FS	91637			DM05CC100D	61306	
835-3607-030	HCT74	01295	1		12105C104KAT050	31433	
833-6048-620	RLR07C1301FR	91637	AR		DM5CC100D0	61306	
	SN74HCT74D	01295			12105V104KAT050	96095	
	RLR07C1301FS	91637			KD5100D301	57582	
835-3706-020	CD74HC74M	02735	1	834-5005-790	C1812C334K5RAC	31433	2
833-6048-630	RLR07C1501FR	91637	AR	912-4141-050	CDB5FY101J03	53021	2

ALTERNATE VENDOR INDEX

Page 173
Oct 28, 94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
913-1098-110	RPE110C0G030D100V	72982	65	913-3667-150	GRM40C0G101J050BB	51406	
913-3018-010	FH18K102XK	21052			T300-100NP0-152K	51642	
	T100-100NP0-309D	51642			08055A101JATBA	04222	
	MMCDF42-0005	51406			300-100NP0-152K	51642	
	W100-100NP0-309D	51642			08055A101JAT050	04222	
	2461-000X7V0-102AA	59660	3	913-3281-270	C320C102J1G5CA	31433	1
	8101A112C0J0-309D	59660			08055A101JAT050L	04222	
	2461-010X7V0-102AA	59660			RPE121C0G102J100V	72982	
913-1098-210	RPE110C0G4R7C100V	51642		913-3667-190	C1808C331J5GAC	31433	
	2461000X7V0102AA	59660			SR201A102JAA	96095	
	T100-100NP0-479C	51642	5		GRM43C0G331J050BB	51406	6
	913-3018-010	72982			T200-100NP0-102J	51642	
	W100-100NP0-479C	51642			18085A331JATBA	04222	
913-3117-060	C320C221J1G5CA	31433			200-100NP0-102J	51642	
	8101A112C0H0-479C	59660			18085A331JAT060	04222	
	DR20CB221J	93958	1	913-3281-280	C315C101J1G5CA	31433	1
	8101A112C0H479C	59660			18085A331JAT060L	04222	
	RPE110C0G221J100V	18796			RPE121C0G101J100V	72982	
	8101A112C0H479C	72982			C1808C391J5GAC	31433	
	SR151A221JAA	04222		913-3667-210	SR151A101JAA	96095	
913-1098-220	RPE110C0G3R9C100V	51642	2		GRM43C0G391J050BB	51406	1
913-3117-070	C320C331J1G5CA	31433			T200-100NP0-101J	51642	
	T100-100NP0-399C	51642			18085A391JATBA	04222	
	DR20CB331J	93958			200-100NP0-101J	51642	
	W100-100NP0-399C	51642			18085A391JAT060	04222	
	RPE110C0G331J100V	18796	20		8121A1XXC0G0101J	59660	30
	SR151A331JAA	04222			18085A391JAT060L	04222	
913-3325-740	MD021C473KAA	04222		913-3281-300	C322C222J1G5CA	31433	
913-3279-270	CY30C105M	16546		913-3667-270	C1808C102J5GAC	31433	
913-3667-030	C0805C100J5GAC	31433			C330C222J1G5CA	31433	
	C330C105M5U5CA	31433	1		GRM43C0G102J050BB	51406	1
	GRM40C0G100D050BB	51406			RPE122C0G222J100V	72982	
	RPE113Z5U105M50V	72982			18085A102JATBA	04222	
	08055A100JATBA	04222			SR211A222JAA	96095	
	SR305E105MAA	96095			18085A102JAT060	04222	
	08055A100JAT050	04222	2		T300-100NP0-222J	51642	2
	2C20Z5U105M050B	56289			18085A102JAT060L	04222	
	08055A100JAT050L	04222			300-100NP0-222J	51642	
913-3667-080	300-050-601-105M	51642		913-3667-480	C0805C271J5GAC	31433	
	C0805C270J5GAC	31433			8131-100C0G222J	18796	
	300-050Z5U105M	51642	4		GRM40C0G271J050BB	51406	2
	GRM40C0G270J050BB	51406			C322C102J1G5CA	31433	
	8131M050Z5U105M	72982		913-3281-710	08055A271JATBA	04222	
	08055A270JATBA	04222			RPE122C0G102J100V	72982	
913-3281-060	C320C391K1G5CA	31433			08055A271JAT050	04222	
	08055A270JAT050	04222	2		SR211A102JAA	04222	4
	RPE121C0G391K100V	72982			08055A271JAT050L	04222	
	08055A270JAT050L	04222			T200-100NP0-102J	51642	
913-3667-110	SR151A391KAA	96095		913-3667-490	C1808C122J5GAC	31433	
	C0805C470J5GAC	31433			200-100NP0-102J	51642	
	T200-100NP0-391K	51642	1		GRM43C0G122J050BB	51406	2
	GRM40C0G470J050BB	51406			CCR05CG470JM	04222	
	200-100NP0-391K	51642		913-3319-420	18085A122JATBA	04222	
	08055A470JATBA	04222			CCR05CG470JR	81349	
913-3281-140	C322C152K1G5CA	31433			18085A122JAT060	04222	
	08055A470JAT050	04222	8	913-3319-440	CCR05CG560JM	04222	12
	C330C152K1G5CA	31433			18085A122JAT060L	04222	
	08055A470JAT050L	04222			CCR05CG560JR	81349	
	RPE122C0G152K100V	72982			C1812C562J5GAC	31433	
913-3667-150	C0805C101J5GAC	31433		913-3667-550	MD011C102KAA	04222	
	SR211A152KAA	61102		913-3325-310	GRM43-2C0G562J050BB	51406	

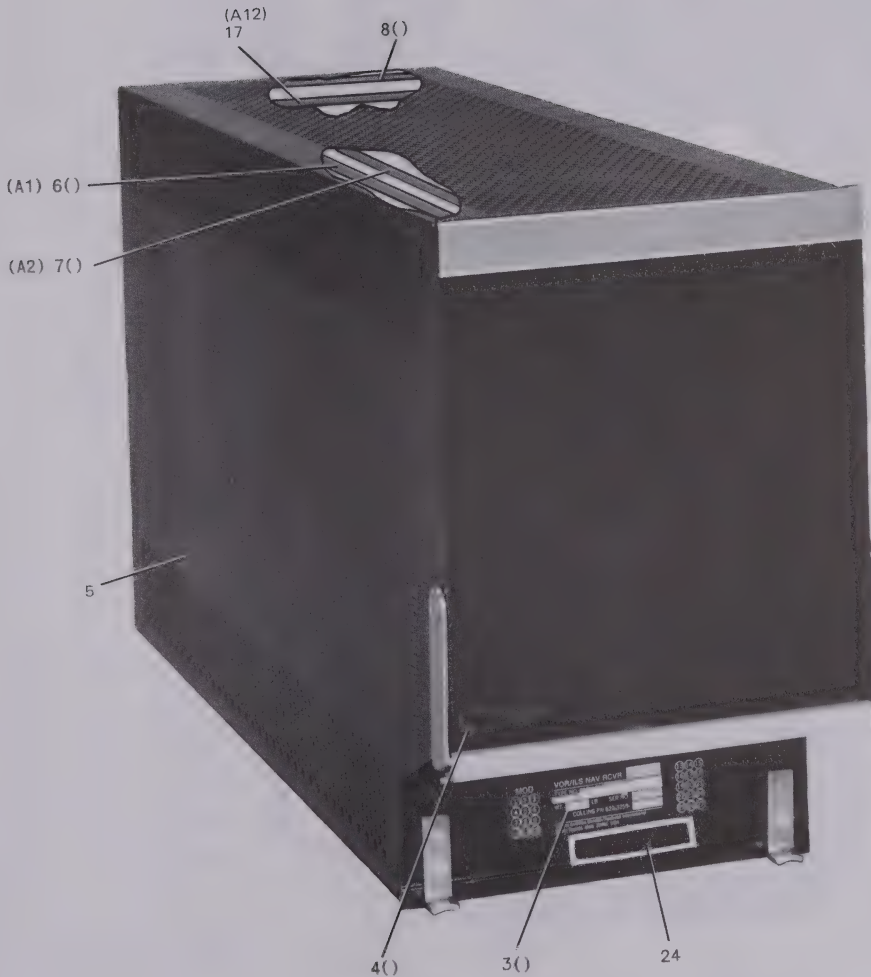
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

ALTERNATE VENDOR INDEX

PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ	PART NUMBER	VENDOR PART NO	VENDOR CODE	TTL REQ
913-3325-310	923CX7R102K100B	56289		933-1081-370	LP88A1C103K	56289	
	18125A562JATBA	04222		914-3500-210	ATC100A220JP150X	29990	4
913-3325-330	MD011C152KAA	04222	2		MC12F103K	50558	
	18125A562JAT080	04222			ATC100A220JP50X	29990	
	923CX7R152K100B	56289			642P103X9200	56289	
	18125A562JAT080L	04222			MA18220J	30153	
913-3325-390	MD011C472KAA	04222	1	933-1084-210	LP88A1A474J	56289	3
913-3669-040	GRM40C0G200J100BB	72982	1	914-3500-230	ATC100A270JP150X	29990	1
	923CX7R472K100B	56289			MC12B474J	50558	
	VJ0805A200JXBM	95275			ATC100A270JP50X	29990	
913-3325-470	MD015C104KAA	04222	20		642P474X5050	56289	
	08051A160JAT050	04222			MA18270J	30153	
	923CX7R104K050B	56289		933-1084-250	LP88A1A105J	56289	7
	08051A200JATBA	04222		914-3500-400	ATC100A1R3CP150X	29990	1
913-3325-740	MD011C473KAA	04222	1		MC12B105J	50558	
	08051A200JAT050M	04222			ATC100A1R3CP50X	29990	
	MD011C473KAB	04222			642P105X5050	56289	
913-3670-120	C0805C102K5RAC	31433	2		MA181R3C	30153	
	GRM40X7R102K050BB	51406		974-1065-170	HFV1501S09	58614	2
922-6119-010	3080	50434		914-3500-440	ATC100A2R7BP150X	29990	5
	08055C102KATBA	04222			3SAV1271A2	01526	
922-6131-020	BB109-6131-020	12954	6		ATC100A2R7BP50X	29990	
	08055C102KAT050	96095			MA182R7B	30153	
	BB409E	25088		914-3500-460	ATC100A4R7BP150X	29990	5
	08055C102KAT050L	04222			ATC100A4R7BP50X	29990	
	BB409F	12954			MA184R7B	30153	
913-3670-680	C1808C104M5RAC	31433	4	917-0501-100	9694	91293	7
	BB409J	12954			9694-3L	91293	
	GRM43X7R104M050BB	51406		917-1218-000	DV11PS8A	30153	8
933-0264-250	CRC4-250	04099	3		538-011A2-8	59660	
	18085C104MATBA	04222			538-080A2-8	59660	
	LP88A1A105G	56289			538011C0P089R	72982	
	18085C104MAT060	96095		917-1222-000	DV11PS18A	30153	2
	LP88A1A105G	56289			538-011A5-5-18	59660	
	18085C104MAT060L	04222			538-080A5-5-18	59660	
	MC12B105G	50558			538011C0P092R	72982	
913-4004-000	CKR05BX680K	81349	AR	917-1225-000	DV11PS35D	30153	13
	642P105X2050	56298			538-011D9-35	59660	
	CK05BX680K	81349			538-080D9-35	59660	
933-1039-190	PE1S022-80-10	27735	2		538011E2P094R	72982	
913-5019-010	CK05BX100K	81349	1	922-6095-060	1N5141A	01281	8
	PE1X022-80-10	27735			1N5141A	96341	
	3K05BX100K	81349		922-6106-020	BB409T	25088	3
	SBE192P223K080V	49588			U18-3112	50101	
914-3500-020	ATC100A1R5BP150X	29990	2	922-6119-010	1N5767	28480	10
	V146XR1225	50930			1N5767	50434	
	ATC100A1R5BP50X	29990					
933-1081-080	CRC1-080	04099	8				
	MA181R5B	30153					
	MC12B104K	50558					
914-3500-100	ATC100A6R8BP150X	29990	2				
	642P104X9050	56289					
	ATC100A6R8BP50X	29990					
933-1081-200	CRC1-200	04099	1				
	MA186R8B	30153					
	MC12B105K	50558					
914-3500-110	ATC100A7R5BP150X	29990	2				
	642P105X9050	56289					
	ATC100A7R5BP50X	29990					
933-1081-370	CRC1-370	04099	5				
	MA187R5B	30153					

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

5. Detailed Parts List



TP5-5117-027

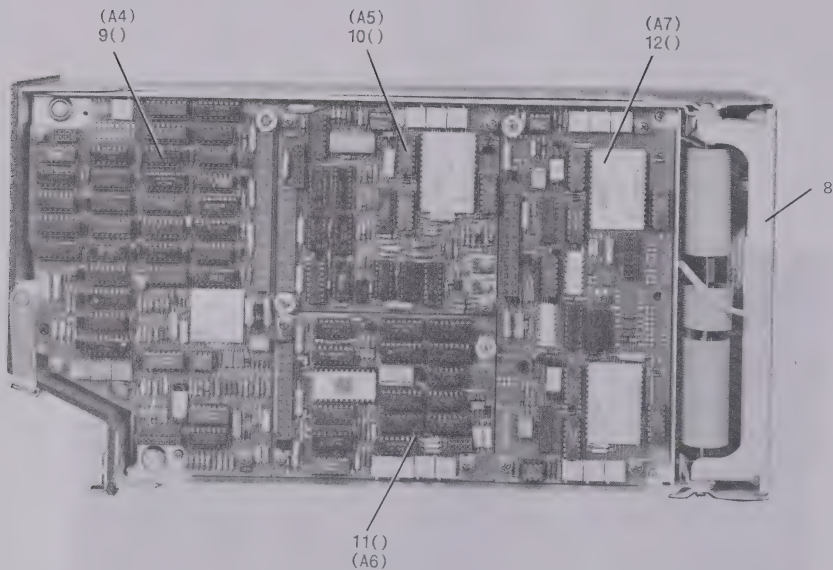
51RV-4/4()/5/5() VOR/ILS Receiver
Figure 1 (Sheet 1 of 2)

34-35-10

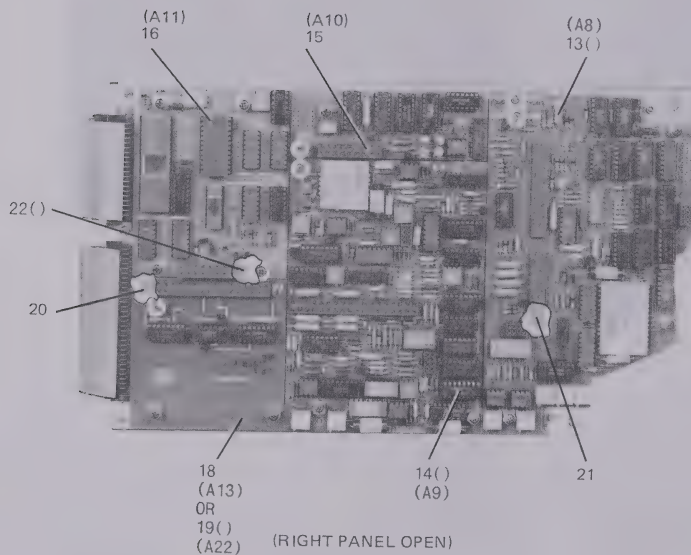
Page 177
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



(RIGHT PANEL CLOSED)



(RIGHT PANEL OPEN)

TP5-5117-027

51RV-4/4()/5/5() VOR/ILS Receiver
Figure 1 (Sheet 2)

34-35-10

Page 178
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	1-1A	622-3255-001	1	RECEIVER, VOR/ILS 51RV-4	A	RF
	-1B	622-3255-002	1	RECEIVER, VOR/ILS 51RV-4	B	RF
	-1C	622-3255-003	1	RECEIVER, VOR/ILS 51RV-4	C	RF
	-1D	622-3255-004	1	RECEIVER, VOR/ILS 51RV-4	D	RF
	-1E	622-3255-006	1	RECEIVER, VOR/ILS 51RV-4	E	RF
R	-1F	622-3257-001	1	RECEIVER, VOR/ILS 51RV-4B (SB K)	F	RF
	-1G	622-3257-002	1	RECEIVER, VOR/ILS 51RV-4B	G	RF
	-1H	622-3257-003	1	RECEIVER, VOR/ILS 51RV-4B	H	RF
	-1J	622-3257-004	1	RECEIVER, VOR/ILS 51RV-4B	J	RF
	-1K	622-3257-005	1	RECEIVER, VOR/ILS 51RV-4B	K	RF
R	-1L	622-3257-006	1	RECEIVER, VOR/ILS 51RV-4B (SB K)	L	RF
	-1M	622-3257-007	1	RECEIVER, VOR/ILS 51RV-4B	M	RF
	-1N	622-3257-008	1	RECEIVER, VOR/ILS 51RV-4B	N	RF
	-1P	622-3257-009	1	RECEIVER, VOR/ILS 51RV-4B	P	RF
	-1Q	622-3257-010	1	RECEIVER, VOR/ILS 51RV-4B	Q	RF
	-1R	622-3257-011	1	RECEIVER, VOR/ILS 51RV-4B	R	RF
	-1S	622-3255-007	1	RECEIVER, VOR/ILS 51RV-4	S	RF
	-1T	622-3259-003	1	RECEIVER, VOR/ILS 51RV-4D	T	RF
	-1U	622-3259-002	1	RECEIVER, VOR/ILS 51RV-4D	U	RF
	-1V	622-3259-005	1	RECEIVER, VOR/ILS 51RV-4D	V	RF
	-1W	622-3255-005	1	RECEIVER, VOR/ILS 51RV-4	W	RF
	-1X	622-3257-012	1	RECEIVER, VOR/ILS 51RV-4B	X	RF
	-1Y	622-3257-013	1	RECEIVER, VOR/ILS 51RV-4B	Y	RF
R	-1Z	622-3257-101	1	RECEIVER, VOR/ILS 51RV-4B (SB J)	Z	RF
R	-2A	822-0760-001	1	RECEIVER, VOR/ILS 51RV-5	AA	RF
R	-2B	822-0760-002	1	RECEIVER, VOR/ILS 51RV-5	AB	RF
R	-2C	822-0760-003	1	RECEIVER, VOR/ILS 51RV-5	AC	RF
R	-2D	822-0760-004	1	RECEIVER, VOR/ILS 51RV-5	AD	RF
R	-2E	822-0760-006	1	RECEIVER, VOR/ILS 51RV-5	AE	RF
R	-2F	822-0761-001	1	RECEIVER, VOR/ILS 51RV-5B	AF	RF
R	-2G	822-0761-002	1	RECEIVER, VOR/ILS 51RV-5B	AG	RF
R	-2H	822-0761-003	1	RECEIVER, VOR/ILS 51RV-5B	AH	RF
R	-2J	822-0761-004	1	RECEIVER, VOR/ILS 51RV-5B	AJ	RF
R	-2K	822-0761-005	1	RECEIVER, VOR/ILS 51RV-5B	AK	RF
R	-2L	822-0761-006	1	RECEIVER, VOR/ILS 51RV-5B	AL	RF
R	-2M	822-0761-007	1	RECEIVER, VOR/ILS 51RV-5B	AM	RF
R	-2N	822-0761-008	1	RECEIVER, VOR/ILS 51RV-5B	AN	RF
R	-2P	822-0761-009	1	RECEIVER, VOR/ILS 51RV-5B	AP	RF
R	-2Q	822-0761-010	1	RECEIVER, VOR/ILS 51RV-5B	AQ	RF
R	-2R	822-0761-011	1	RECEIVER, VOR/ILS 51RV-5B	AR	RF
R	-2S	822-0760-007	1	RECEIVER, VOR/ILS 51RV-5	AS	RF
R	-2T	822-0762-003	1	RECEIVER, VOR/ILS 51RV-5D	AT	RF
R	-2U	822-0762-002	1	RECEIVER, VOR/ILS 51RV-5D	AU	RF
R	-2V	822-0762-005	1	RECEIVER, VOR/ILS 51RV-5D	AV	RF
R	-2W	822-0760-005	1	RECEIVER, VOR/ILS 51RV-5	AW	RF
R	-2X	822-0761-012	1	RECEIVER, VOR/ILS 51RV-5B	AX	RF
R	-2Y	822-0761-013	1	RECEIVER, VOR/ILS 51RV-5B	AY	RF
R	-2Z	822-0761-101	1	RECEIVER, VOR/ILS 51RV-5B	AZ	RF
R	3	635-1888-001	2	PLATE, IDENT	A,B,C,D E,S,W F,G,H,J K,L,M,N P,Q,R,X Y,Z	1
R	3A	635-1890-001	2	PLATE, IDENT	T,U,V AA,AB,AC AD,AE,AS AW	1
R	3B	635-1892-001	2	PLATE, IDENT		1
R	3C	829-0178-002	2	PLATE, IDENT		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDU- STRY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	1 3D	829-0179-002	2	PLATE, IDENT	AF,AG,AH AJ,AK,AL AM,AN,AP AQ,AR,AX AY,AZ	1
R	3E	829-0180-002	2	PLATE, IDENT ATTACHING PARTS	AT,AU,AV	1
R	-3F	P347-1268-000	2	SCREW,MACH SST, 2-56 X 1/8 (V77250) 347-1268-000 (DELETED) -----		2
	4	629-6836-027	2	STRIP, IDENT	A,B,C,D E,S,W F,G,H,J K,L,M,N P,Q,R,X Y,Z	1
R	4A	629-6836-033	2	STRIP, IDENT	T,U,V AA,AB,AC AD,AE,AS AW	1
R	4B	629-6836-035	2	STRIP, IDENT	AF,AG,AH AJ,AK,AL AM,AN,AP AQ,AR,AX AY,AZ	1
R	4C	628-9717-001	2	STRIP, IDENT	AT,AU,AV	1
R	4D	628-9718-001	2	STRIP, IDENT	A,B,C,D E,S	1
R	4E	628-9719-001	2	STRIP, IDENT	F,G,H,J K,L,M,N P,Q,R,X Y,Z	1
	5	629-6906-001	2	COVER, CHASSIS	T,U,V	1
R	6	601-4301-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF TO REV AH)	A,B,C,D	1
R	6A	642-4201-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF REV AH) (SUPSD BY 6H)	A,B,C,D E,S	1
R	6B	601-4301-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF TO REV AT)	F,G,H,J K,L,M,N P,Q,R,X Y,Z	1
R	6C	642-4201-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF REV AT) (SUPSD BY 6H)	F,G,H,J K,L,M,N P,Q,R,X Y,Z	1
R	6D	601-4301-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF TO REV AP)	T,U,V	1
R	6E	642-4201-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF REV AP) (SUPSD BY 6H)	T,U,V	1
R	6F	601-4301-004	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF TO REV AH)	W	1
R	6G	642-4201-002	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3 FOR DET BKDN) (EFF REV AH) (SUPSD BY 6H)	W	1
R	6H	676-7201-001	2	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3A) (SUPSDS 6A/6C/6E/6G)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 180, 34-35-10

Subject: Detailed Parts List

Correct effect codes listed for item 6C as shown:

6C 642-4201-001

2 RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 3
FOR DET BKDN) (EFF REV AT)
(SUPSD BY 6H)

F,G,H,J
K,L,M,N
P,Q,R,X
Y

1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 1 6J	828-0161-002		2	RECEIVER, VOR/ILS A1 (SEE FIG 32)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	1
R 7	601-4302-001		2	RECEIVER, GLIDESLOPE A2 (SEE FIG 4 FOR DET BKDN) (SUPSD BY ITEM 7A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	1
7A	642-4202-001		2	GLIDESLOPE RECEIVER ASSEMBLY A2 (SEE FIG 4A FOR DET BKDN) (SUPSDS ITEM 7)		1
R 8	635-5575-001		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN)	A,B,C,D E,F,G,H J,K,L,R S,T,U,V W,X,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AR,AS AT,AU,AV AW,AX M	1
R 8A	635-5575-001		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (EFF TO REV AG)		1
R 8B	635-5575-004		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (EFF REV AG)	M,AM	1
R 8C	635-5575-001		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (EFF TO REV AB)	N,P	1
R 8D	635-5575-002		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (EFF REV AB)	N,P,AN AP	1
R 8E	635-5575-001		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (SUPSD BY ITEM 8F)	Q	1
R 8F	635-5575-005		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN) (SUPSDS ITEM 8E)	Q,AQ	1
R 8G	635-5575-006		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2 FOR DET BKDN)	Y,AY	1
R 8H	635-5575-008		2	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 2)	Z,AZ	1
9	601-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF TO REV LTR M)	A,B,C,D	1
9A	601-4204-003		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV M TO REV AU)	A,B,C,D W	1
R 9B	642-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV AK)	A,B,C,D W,AA,AB AC,AD,AW E,S,Z,AE AS,AZ	1
R 9C	642-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN)	F,G,H,J K,L,M,N P,Q,R	1
9D	601-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF TO REV T)	F,G,H,J K,L,M,N P,Q,R,X	1
9E	601-4204-003		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV T TO REV AV)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 1 9F	642-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV AV)	F,G,H,J K,L,M,N P,Q,R,X Y,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AX,AY	1
9G	601-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF TO REV W)	T,U,V	1
9H	601-4204-003		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV W TO REV AT)	T,U,V	1
R 9J	642-4204-001		2	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 6 FOR DET BKDN) (EFF REV AT)	T,U,V,AT AU,AV	1
10	601-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF TO REV AK)	A,B,C,D	1
10A	601-4205-003		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF TO REV AK)	W	1
R 10B	642-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF REV AK)	A,B,C,D W,AA,AB AC,AD,AW	1
10C	601-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF TO REV AP)	F,G,H,J K,L,M,N P,Q,R,X	1
R 10D	642-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF REV AP)	F,G,H,J K,L,M,N P,Q,R,X AF,AG,AH AJ,AK,AL AM,AN,AP AQ,AR,AX	1
10E	601-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF TO REV AN)	T,U,V	1
R 10F	642-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN) (EFF REV AN)	T,U,V,AT AU,AV	1
R 10G	642-4205-001		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN)	S,Z,AS AZ	1
R 10H	642-4205-002		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN)	E,AE	1
R 10J	642-4205-003		2	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 7 FOR DET BKDN)	Y,AY	1
11	601-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 8 FOR DET BKDN) (EFF TO REV LTR C)	A,B,C,D	1
11A	601-4206-002		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 8A FOR DET BKDN) (EFF REV C TO REV U)	A,B,C,D	1
11B	601-4206-003		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 8B FOR DET BKDN) (EFF REV U TO REV AF)	A,B,C,D W	1
R 11C	642-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 27 FOR DET BKDN) (EFF REV AF)	A,B,C,D W,AA,AB AC,AD,AW	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 1 11D	642-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 27 FOR DET BKDN)	E,S,AE AS	1
11E	601-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 SB 4 (SEE FIG 8 FOR DET BKDN) (EFF TO REV AC)	F,G,H,J K,L,M,N Q,R	1
11F	601-4206-003		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 SB 4 (SEE FIG 8B FOR DET BKDN) (EFF REV AC TO REV AM)	F,G,H,J K,L,M,N Q,R,X	1
R 11G	642-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 27 FOR DET BKDN) (EFF REV M)	F,G,H,J K,L,M,N Q,R,X,Y AF,AG,AH AJ,AK,AL AM,AN,AQ AR,AX,AY	1
11H	601-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 SB 4 (SEE FIG 8 FOR DET BKDN) (EFF TO REV AE)	T,U,V	1
11J	601-4206-003		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 8B FOR DET BKDN) (EFF REV AE TO REV AM)	T,U,V	1
R 11K	642-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 27 FOR DET BKDN) (EFF REV AM)	T,U,V,AT AU,AV	1
R 11L	642-4206-001		2	CIRCUIT CARD ASSY, VOR/ILS SELF TEST (SEE FIG 27)	Z,AZ	1
12	601-4207-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9 FOR DET BKDN) (EFF TO REV AV)	F,G,H,J K,L,M,N P,Q,R,X	1
12A	642-4207-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9 FOR DET BKDN) (EFF REV AV TO REV BD)	F,G,H,J K,L,M,N P,Q,R,X	1
R 12B	642-4227-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9A FOR DET BKDN) (EFF REV BD)	F,G,H,J K,L,M,N P,Q,R,X Y,Z,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AX,AY AZ	1
12C	601-4207-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9 FOR DET BKDN) (EFF TO REV AT)	T,U,V	1
12D	642-4207-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9 FOR DET BKDN) (EFF REV AT TO REV BD)	T,U,V	1
R 12E	642-4227-001		2	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 9A FOR DET BKDN) (EFF REV BD)	T,U,V,AT AU,AV	1
13	601-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF TO REV AD)	A,B,C,D	1
13A	601-4208-004		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF TO REV AD)	W	1
R 13B	642-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF REV AD)	A,B,C,D W,AA,AB AC,AD,AW	1
13C	601-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF TO REV AK)	F,G,H,J K,L,M,N P,Q,R,X	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 1 13D	642-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF REV AK)	F,G,H,J K,L,M,N P,Q,R,X AF,AG,AH AJ,AK,AL AM,AN,AP AQ,AR,AX	1
R 13E	642-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN)	E,S,AE AS	1
13F	601-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF TO REV AK)	T,U,V	1
R 13G	642-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN) (EFF REV AK)	T,U,V,AT AU,AV	1
R 13H	642-4208-002		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10 FOR DET BKDN)	Y,AY	1
R 13J	642-4208-001		2	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 10)	Z,AZ	1
14	601-4209-001		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11 FOR DET BKDN) (EFF TO REV LTR U)	F,G,H,J K,L,M,N P,Q,R	1
14A	601-4209-003		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11A FOR DET BKDN) (EFF REV U TO REV BD)	F,G,H,J K,L,M,N P,Q,R,X	1
R 14B	601-4209-004		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11A FOR DET BKDN) (EFF REV BD)	F,G,H,J K,L,M,N P,Q,R,X Y,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AX,AY	1
14C	601-4209-001		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11 FOR DET BKDN) (EFF TO REV Y)	T,U,V	1
14D	601-4209-003		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11A FOR DET BKDN) (EFF REV Y TO REV BB)	T,U,V	1
R 14E	601-4209-004		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11A FOR DET BKDN) (EFF REV BB)	T,U,V,AT AU,AV	1
R 14F	601-4209-004		2	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 11A)	Z,AZ	1
R 15	601-4210-001		2	CIRCUIT CARD ASSY, DIGITAL BEARING OUTPUT A10 (SEE FIG 12 FOR DET BKDN)	K,Q,S,U AK,AQ,AS AU	1
R -15A	601-4210-003		2	CIRCUIT CARD, DIGITAL BEARING OUTPUT A10 (SEE FIG 12)	Z,AZ	1
R 16	601-4211-001		2	CIRCUIT CARD ASSY, PROGRAMMABLE BEARING FILTER A11 (SEE FIG 13 FOR DET BKDN)	D,K,Q,S U,AD,AK AQ,AS,AU	1
R -16A	601-4211-003		2	CIRCUIT CARD, PROGRAMMABLE BEARING FILTER A11 (SEE FIG 13)	Z,AZ	1
R 17	601-4212-001		2	CIRCUIT CARD ASSY, RMI SERVO AMPLIFIER A12 (SEE FIG 14 FOR DET BKDN)	B,D,E,F G,H,K,M Q,S,T,U V,X,Z,AB AD,AE,AF AG,AH,AK AM,AQ,AS AT,AU,AV AX,AZ	1

- ITEM NOT ILLUSTRATED

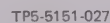
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY NOMENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	1 18	601-4313-001	2	CIRCUIT CARD ASSY, 2X5 MONITOR A13 (SEE FIG 15 FOR DET BKDN)	T,U,V,AT AU,AV	1
	19	638-7622-001	2	CIRCUIT CARD ASSY, SERIAL TUNE A22 (SEE FIG 24 FOR DET BKDN) (EFF TO REV V)	Q	1
	19A	638-7622-002	2	CIRCUIT CARD ASSY, SERIAL TUNE A22 (SEE FIG 24A FOR DET BKDN) (EFF REV V TO REV AR)	Q	1
R	19B	642-4222-001	2	CIRCUIT CARD ASSY, SERIAL TUNE A22 (SEE FIG 28 FOR DET BKDN) (EFF REV AR)	Q,AQ	1
R	20	641-0287-001	2	GUARD, PINFIELD	A,B,C,D E,S,W,AA AB,AC,AD AE,AS,AW	2
R	-20A	641-0287-001	2	GUARD, PINFIELD	F,G,H,J K,L,M,N P,R,X,Y Z,AF,AG AH,AJ,AK AL,AM,AN AP,AR,AX AY,AZ	1
R	21	641-0287-002	2	GUARD, PINFIELD	A,B,C,D E,P,S,W AA,AB,AC AD,AE,AP AS,AW	1
R	22	641-0287-003	2	GUARD, PINFIELD	A,B,C,E F,G,H,J L,M,N,P R,T,V,W X,Y,AA AB,AC,AE AF,AG,AH AJ,AL,AM AN,AP,AR AT,AV,AW AX,AY	2
R	22A	641-0287-003	2	GUARD, PINFIELD	D,AD	1
R	24	634-4970-013	2	PLATE, DESIGNATOR	F,G,H,J K,L,M,N P,Q,R,X Y,Z,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AX,AY AZ	1

- ITEM NOT ILLUSTRATED

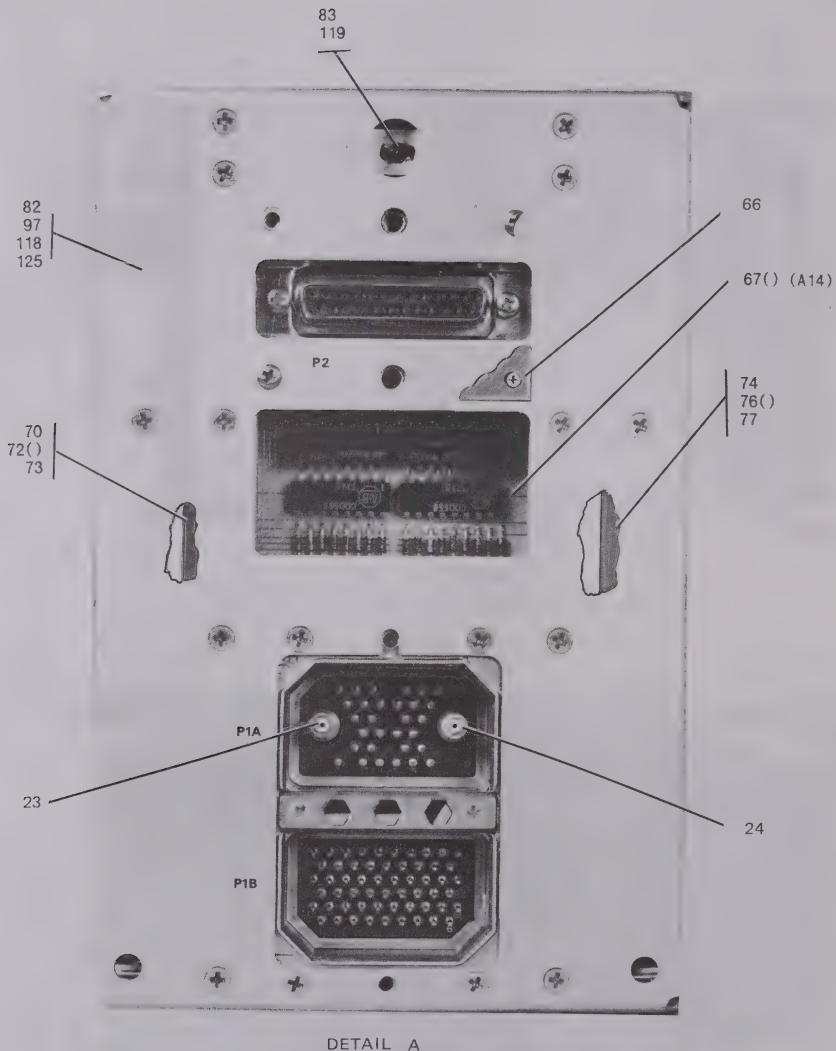
DETAILED PARTS LIST



34-35-10

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5151-027

VOR/LOC Receiver Chassis Assembly
 Figure 2 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5(5) VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5(5) VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 189, 34-35-10

Subject: Detailed Parts List

Add effect codes to 11A, 11B, and 11C as shown:

2 11A 30YY2088	2 SWITCH,PUSH (V81073) 260-2709-000 S1 SB 6 (EFF REV R) (USED ON ITEMS 1A, 1B, 1D, 1E AND 1F)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AQ,AR,AS AT,AU,AV AW,AX,AY AZ	1
11B 30YY2088	2 SWITCH,PUSH (V81073) 260-2709-000 S2 SB 6 (EFF REV LTR R) (USED ON ITEMS 1A, 1B, 1D, 1E AND 1F)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AQ,AR,AS AT,AU,AV AW,AX,AY AZ	1
11C 30YY2088	2 SWITCH,PUSH (V81073) 260-2709-000 S3 SB 6 (EFF REV LTR R) (USED ON ITEMS 1A, 1B, 1D, 1E AND 1F)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AQ,AR,AS AT,AU,AV AW,AX,AY AZ	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	2-1A	635-5575-001	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8, 8A, 8C, AND 8E FOR NHA	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AR,AS AT,AU,AV AW,AX M,AM	RF
R	-1B	635-5575-004	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8B FOR NHA)		RF
R	-1C	635-5575-002	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8D FOR NHA)	N,P,AN AP	RF
R	-1D	635-5575-005	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8F FOR NHA)	Q,AQ	RF
R	-1E	635-5575-006	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8G FOR NHA)	Y,AY	RF
R	-1F	635-5575-008	1	CHASSIS ASSEMBLY, RECEIVER, VOR/ILS (SEE FIG 1-8H FOR NHA)	Z,AZ	RF
	2	LM117KSTL	2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2302 (SUPSD BY ITEM 2A)		1
R	2A	LM117K	2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2302 (SUPSDS ITEM 2)		1
	3	64903	2	TRANSISTOR (V02735) 352-1005-020 Q2305		1
	4	635-6147-001	2	HEATSINK		2
R	-5	313-0132-000	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V77250) (AP FOR 2-4) (SUPSD BY ITEM 5A)		4
R	-5A	NAS671C4	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 2-4) (SUPSDS ITEM 5)		4
	-6	547-8177-012	2	BUSHING (AP FOR 2-4)		4
	-7	43-02-9	2	INSULATOR,PL (V13103) 352-9605-140 (AP FOR 2-4) (SUPSD BY ITEM 7A)		2
	-7A	43-03-8	2	INSULATOR,PL (V13103) 352-9605-140 (AP FOR 2-4) (SUPSDS ITEM 7)		2
R	-8	304-0016-000	2	TERMINAL,LUG (V79807) (AP FOR 2-4) (SUPSD BY ITEM 8A)		2
R	-8A	4007-6HTD	2	TERMINAL,LUG (V77147) 304-0016-000 (AP FOR 2-4) (SUPSDS ITEM 8)		2
	-9	NAS620C4L	2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP FOR 2-4)		4
	-10	MS35338-135	2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP FOR 2-4)		4
	-11	MS51959-19B	2	SCREW,MACH SST, 4-40 X 3/4 (V96906) 342-1857-000 (AP FOR 2-4)		4
	11A	30YY2088	2	SWITCH,PUSH (V81073) 260-2709-000 S1 SB 6 (EFF REV R) (USED ON ITEMS 1A, 1B, 1D, AND 1E)		1
	11B	30YY2088	2	SWITCH,PUSH (V81073) 260-2709-000 S2 SB 6 (EFF REV LTR R) (USED ON ITEMS 1A, 1B, 1D, AND 1E)		1
	11C	30YY2088	2	SWITCH,PUSH (V81073) 260-2709-000 S3 SB 6 (EFF REV LTR R) (USED ON ITEMS 1A, 1B, 1D, AND 1E)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2 11D	642-9687-001		2	NUT, SPCL (EFF REV LTR R) (USED ON ITEMS 1A, 1B, 1D, AND 1E)		3
11E	642-6188-001		2	PLATE, SW (USED ON ITEMS 1A, 1B, 1D, AND 1E)		1
R 11F	DP250		2	BUTTON, PLUG (V28520) 150-0856-030 (ADDED BY REVISION) (USED ON ITEM 1C)	N,P,AN AP	1
R 12	635-5718-002		2	CABLE ASSY, GND		1
R -13	68-1660-40		2	NUT, SLFLKG, HEX AL, 4-40 (V72962)		2
-13A	NAS620C6L		2	333-0605-000 (AP) WASHER, FLAT PSVT CRES, 0.143 ID X 0.267 OD (V80205) 310-0740-360 (AP)		1
-14	MS51957-13		2	SCREW, MACHINE STL, 4-40 X 1/4 (V96906)		1
-15	MS51959-13		2	343-0133-000 (AP) SCREW, MACHINE CRES, 0.112-40 X 0.25 (V96906) 342-0044-000 (AP)		1
R 16	4007-4		3	TERMINAL LUG (V77147) 304-0015-000 (SUPSD BY ITEM 16A)		2
16A	4007-4HTD		3	TERMINAL LUG (V77147) 304-0015-000 (SUPSDS ITEM 16)		2
17	QQB575R36T062		3	BRAID, WIRE (V81348) 425-0001-000		AR
18	635-5718-002		2	CABLE ASSY, GND		1
R -19	68-1660-40		2	NUT, SLFLKG, HEX AL, 4-40 (V72962)		1
-19A	NAS620C6L		2	333-0605-000 (AP) WASHER, FLAT PSVT CRES, 0.143 ID X 0.267 OD (V80205) 310-0740-360 (AP)		1
-20	MS51959-13		2	SCREW, MACHINE CRES, 0.112-40 X 0.25 (V96906) 342-0044-000 (AP)		1
R 21	4007-4		3	TERMINAL LUG (V77147) 304-0015-000 (SUPSD BY ITEM 21A)		2
21A	4007-4HTD		3	TERMINAL LUG (V77147) 304-0015-000 (SUPSDS ITEM 21)		2
22	QQB575R36T062		3	BRAID, WIRE (V81348) 425-0001-000		AR
23	635-5579-002		2	CABLE ASSY, VOR/ LOC		1
24	635-5579-001		2	CABLE ASSY, GS		1
25	2600-3		2	STUD ASSY, TURNL (V71286) 012-1970-000		2
26	601-4215-001		2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN) (EFF TO REV V)	A,B,C,D E,F,G,H J,K,L,M N,P,R,S T,U,V,W X	1
R 26A	642-4215-001		2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN) (EFF REV V)	A,B,C,D E,F,G,H J,K,L,M N,P,R,S T,U,V,W X,AA,AB AC,AD,AE AF,AG,AH AJ,AK,AL AM,AN,AP AR,AS,AT AU,AV,AW AX Q	1
26B	601-4215-001		2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN) (SUPSD BY ITEM 26C)		1
26C	642-4215-001		2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN) (SUPSD BY ITEM 26D)	Q	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 190, 34-35-10

Subject: Detailed Parts List

Add effect codes to items 11D and 11E as shown:

11D 642-9687-001

2 NUT, SPCL (EFF REV LTR R)
(USED ON ITEMS 1A, 1B, 1D,
1E AND 1F)

3
A,B,C,D
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,Y,Z
AA,AB,AC
AD,AE,AF
AG,AH,AJ
AK,AL,AM
AQ,AR,AS
AT,AU,AV
AW,AX,AY
AZ

11E 642-6188-001

2 PLATE, SW
(USED ON ITEMS 1A, 1B, 1D,
1E AND 1F)

1
A,B,C,D
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,Y,Z
AA,AB,AC
AD,AE,AF
AG,AH,AJ
AK,AL,AM
AQ,AR,AS
AT,AU,AV
AW,AX,AY
AZ

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	2 26D	642-4215-002	2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN) (SUPSDS ITEMS 26B AND 26C)	Q,AQ	1
R	26E	642-4215-003	2	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17 FOR DET BKDN)	Y,AY	1
R	26F	642-4215-004	2	CIRCUIT CARD ASSEMBLY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 17)	Z,AZ	1
	-27	MS51957-13	2	SCREW,MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		5
	28	2600-1	2	STUD ASSY,TURNL (V71286) 012-1968-000		2
	29	629-6902-001	2	HINGE,FRAME-RF		1
	-30	MS51957-30	2	SCREW,MACHINE CRES, 0.138-32 X 0.500IN (V96906) 343-0171-000 (AP)		2
	-31	629-6952-001	2	WASHER (AP)		4
	-32	SE55	2	EYELET,METALLIC (V07707) 307-0006-010 (AP)		2
R	33	608-6395-002	3	NUT,RIVET		8
R	34	608-6395-008	3	NUT,RIVET		13
	35	629-6902-003	3	FRAME		1
	36	635-5731-001	2	STIFFENER		1
	-37	MS51957-14	2	SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		2
	-38	MS51957-13	2	SCREW,MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		1
R	39	333-1455-020	3	NUT,SELF-LOCKING CD PL STL, 0.112-40 (SUPSD BY 39A)		1
R	-39A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 39)		1
	40	635-5731-002	3	STIFFENER		1
	41	629-6903-001	2	HINGE,FRAME TOP		1
	-42	MS51957-30	2	SCREW,MACHINE CRES, 0.138-32 X 0.500IN (V96906) 343-0171-000 (AP)		1
	-43	629-6952-001	2	WASHER (AP)		2
R	-44	SE55	2	EYELET,METALLIC (V07707) 307-0006-010 (AP)		1
R	45	333-1455-020	3	NUT,SELF-LOCKING CD PL STL, 0.112-40 (SUPSD BY 45A)		4
R	-45A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 45)		4
	46	629-6903-002	3	HINGE,FRAME TOP		1
	47	629-6904-001	2	HINGE,FRAME BOTTOM		1
	-48	MS51957-30	2	SCREW,MACHINE CRES, 0.138-32 X 0.500IN (V96906) 343-0171-000 (AP)		1
	-49	629-6952-001	2	WASHER (AP)		2
R	-50	SE55	2	EYELET,METALLIC (V07707) 307-0006-010 (AP)		1
R	51	333-1455-020	3	NUT,SELF-LOCKING CD PL STL, 0.112-40 (SUPSD BY 51A)		3
R	-51A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 51)		3
	52	629-6904-002	3	HINGE,FRAME BOTTOM		1
	53	601-4203-001	2	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 5 FOR DET BKDN) (EFF TO REV LTR K)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	1
	53A	601-4203-003	2	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 5 FOR DET BKDN) (EFF REV K TO REV Y)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2 53B	642-4203-001		2	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 26 FOR DET BKDN) (EFF REV Y) (SUPSD BY 53D)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X Y,AY	1
R 53C	642-4203-002		2	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 26 FOR DET BKDN)		1
R 53D	646-8203-004		2	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 31) (SUPSDS 53B)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AS,AT,AU AV,AW,AX Z,AZ	1
R 53E	646-8203-006		2	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 31)		1
R -54	68-1660-40		2	NUT,SLFLKG,HEX AL, 4-40 (V72962) 333-0605-000 (AP)		4
R -55	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP) (DELETED BY REVISION)		1
-56	MS51957-14		2	SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP) (DELETED BY REVISION)		2
-57	MS51959-13		2	SCREW,MACHINE CRES, 0.112-40 X 0.25 (V96906) 342-0044-000 (AP)		13
-58	MS51957-13		2	SCREW,MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		4
59	629-6961-001		2	STIFFENER CHASSIS-TOP		1
R 60	333-1455-020		3	NUT,SELF-LOCKING CD PL STL, 0.112-40 (SUPSD BY 60A)		2
R -60A	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 60)		2
61	629-6961-003		3	STIFFENER		1
62	629-6961-002		2	STIFFENER, CHASSIS-BOTTOM		1
R 63	333-1455-020		3	NUT,SELF-LOCKING CD PL STL, 0.112-40 (SUPSD BY 63A)		2
R -63A	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 63)		2
64	629-6961-004		3	STIFFENER		1
65	629-6962-001		2	SPACER,PLATE (EFF TO REV LTR H)		2
65A	629-6962-003		2	SPACER,PLATE (EFF REV H)		2
66	629-6951-001		2	COVER,CONN		1
67	601-4214-001		2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16 FOR DET BKDN) (EFF TO REV LTR N)	A,B,C,D F,G,H,J K,L,N,P Q,R,T,U V,W,X	1
67A	601-4214-002		2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16 FOR DET BKDN) (EFF REV N TO REV AA)	A,B,C,D F,G,H,J K,L,N,P Q,R,T,U V,W,X	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 2 67B	642-4214-001		2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16 FOR DET BKDN) (EFF REV AA)	A,B,C,D E,F,G,H J,K,L,N P,Q,R,S T,U,V,W X,AA,AB AC,AD,AE AF,AG,AH AJ,AK,AL AN,AP,AQ AR,AS,AT AU,AV,AW AX	1
	67C	601-4214-001	2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 SB 4 (SEE FIG 16 FOR DET BKDN) (EFF TO REV U)	M	1
	67D	601-4214-003	2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 SB 4 (SEE FIG 16 FOR DET BKDN) (EFF REV U TO REV AA)	M	1
R	67E	642-4214-002	2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16 FOR DET BKDN) (EFF REV AA)	M,AM	1
R	67F	642-4214-003	2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16 FOR DET BKDN)	Y,AY	1
R	67G	642-4214-001	2	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 16)	Z,AZ	1
	-68	MS51959-14	2	SCREW,MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000 (AP)		4
	-69	MS51957-14	2	SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		4
	70	629-6760-001	2	STIFFENER, CHASSIS-REAR LEFT		1
	-71	MS51959-13	2	SCREW,MACHINE CRES, 0.112-40 X 0.25 (V96906) 342-0044-000 (AP)		5
R	72	333-0839-000	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (VD0116) (SUPSD BY ITEM 72A)		5
	72A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS ITEM 72)		5
	73	629-6760-003	3	STIFFENER		1
	74	629-6760-002	2	STIFFENER, CHASSIS REAR RIGHT		1
	-75	MS51959-13	2	SCREW,MACHINE CRES, 0.112-40 X 0.25 (V96906) 342-0044-000 (AP)		5
R	76	333-0839-000	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (VD0116) (SUPSD BY ITEM 76A)		5
	76A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS ITEM 76)		5
	77	629-6760-004	3	STIFFENER		1
	78	638-2877-001	2	SHIELD,RF		1
	-79	MS51959-14	2	SCREW,MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000 (AP)		2
R	80	68NC2434-6-82	3	NUT,SLFLKG,CLINCH ANODIZED AL, 8-32 (V72962) 333-0832-000 (SUPSD BY 80A)		2
R	-80A	M45938-5-3	3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS 80)		2
	81	638-2877-002	3	SHIELD		1
	82	629-6754-001	2	CHASSIS (SUPSD BY ITEM 118)		1
	83	82-35-295-15	3	LOCKSPRING, TRNLK FSTNR (V94222) 012-1396-000		1
R	-84	MS20426AD5-8	3	RIVET,SOLID AL, 0.156 DIA X 1/2 (V96906) 305-1392-000 (AP)		2
	85	M45938-5-5	3	NUT,SLFLKG,CLINCH CD PL STL, 6-32 (V81349) 333-0841-000		4

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2 86	26R1-1		3	FASTENER, RCPT, TURNLOCK (V71286) 012-2164-000		4
	87	629-6759-001	3	SPACER		4
R	-88	MS20426AD3-5	3	RIVET,SOLID AL, 3/32 DIA X 5/16 (V96906) 305-1363-000 (AP FOR 86,87)		16
	89	768-3386-003	3	BAR,GRIP		1
	90	768-3387-005	3	HANDLE		1
R	-91	MS21042-06	3	NUT,SLFLKG CD PL STL, 6-32 (V96906) 334-2737-010 (AP)		2
	-92	629-6905-001	3	STOP,COVER (AP)		2
	-93	768-3179-001	3	SCREW (AP)		2
	-94	768-3178-001	3	WASHER, SPECIAL (AP)		4
	95	503-4970-001	3	HOOK		2
R	-96	MS20470AD4-7	3	RIVET,SOLID ANDZ AL, 0.125 DIA X 0.4375 (V96906) 305-1172-000 (AP)		4
	97	629-6754-002	3	CHASSIS		1
R	98	280-3778-010	2	LABEL, INFORMATION (V93108) (EFF REV AA) (USED ON ITEM 1D) (SUPSD BY 98B)	Q,AQ	1
	98A	280-2745-020	2	LABEL, ESDS WARNING (V12998) (ADDED BY REVISION)		1
R	-98B	280-3778-010	2	LABEL, INFORMATION (V12998) (USED ON 1D) (SUPSDS 98)	Q,AQ	1
	99	503-4970-001	2	HOOK (ADDED BY REVISION)		2
	-100	MS51957-30	2	SCREW,MACHINE CRES, 0.138-32 X 0.500IN (V96906) 343-0171-000 (AP) (ADDED BY REVISION)		4
	-101	641-8914-001	2	SHIM, HOLD DOWN (AP) (ADDED BY REVISION)		2
	102	651-2408-004	2	HANDLE ASSY (ADDED BY REVISION)		1
R	-103	MS21042-06	2	NUT,SLFLKG CD PL STL, 6-32 (V96906) 334-2737-010 (AP) (ADDED BY REVISION)		2
	-104	629-6905-001	2	STOP,COVER (AP) (ADDED BY REVISION)		2
	-105	768-3178-001	2	WASHER, SPECIAL (AP) (ADDED BY REVISION)		4
	-106	651-2411-001	2	SCREW, SPECIAL (AP) (ADDED BY REVISION)		2
	107	768-3386-003	3	BAR,GRIP		1
	108	768-3387-021	3	STRAP, HANDLE		1
	109	26R1-1	2	FASTENER, RCPT, TURNLOCK (V71286) 012-2164-000 (ADDED BY REVISION)		1
	110	651-2409-001	2	SPACER, TURNLOCK (ADDED BY REVISION)		1
R	-111	MS35649-224	2	NUT,PLAIN,HEXAGON SST, 2-56 (V96906) 313-0037-000 (AP) (ADDED BY REVISION)		4
R	-112	MS35338-134	2	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 (AP) (ADDED BY REVISION)		4
	-113	MS51959-4	2	SCREW,MACHINE CRES, 2-56 X 5/16 (V96906) 342-0134-000 (AP) (ADDED BY REVISION)		4
	114	651-2407-001	2	PANEL, FRONT (ADDED BY REVISION)		1
R	-115	68-1660-40	2	NUT,SLFLKG,HEX AL, 4-40 (V72962) 333-0605-000 (AP) (ADDED BY REVISION)		2
	-116	MS51959-14B	2	SCREW,MACH SST, 4-40 X 5/16 (V96906) 342-1851-000 (AP) (ADDED BY REVISION)		2
	-117	MS51959-15	2	SCREW,MACHINE CRES, 0.112-40 X 0.38 (V96906) 342-0046-000 (AP) (ADDED BY REVISION) (SUPSD BY 117A)		2
R	-117A	MS51959-14	2	SCREW,MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000 (AP) (SUPSDS 117)		2
	118	651-2444-001	2	CHASSIS, PRSD (SUPSDS ITEM 82)		1
	119	82-35-295-15	3	LOCKSPRING, TRNLK FSTNR (V94222) 012-1396-000		1
R	-120	MS20426AD3-4	3	RIVET,SOLID AL, 3/32 DIA X 1/4 (V96906) 305-1362-000 (AP)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-14

Insert facing page 194, 34-35-10

Subject: Detailed Parts List

Add item 114a as shown:

114	651-2407-001	2	PANEL, FRONT (ADDED BY REVISION) (SUPSD BY ITEM 114A)	1
114A	651-2407-005	2	PANEL, FRONT (ADDED BY REVISION) (SUPSDS 114)	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

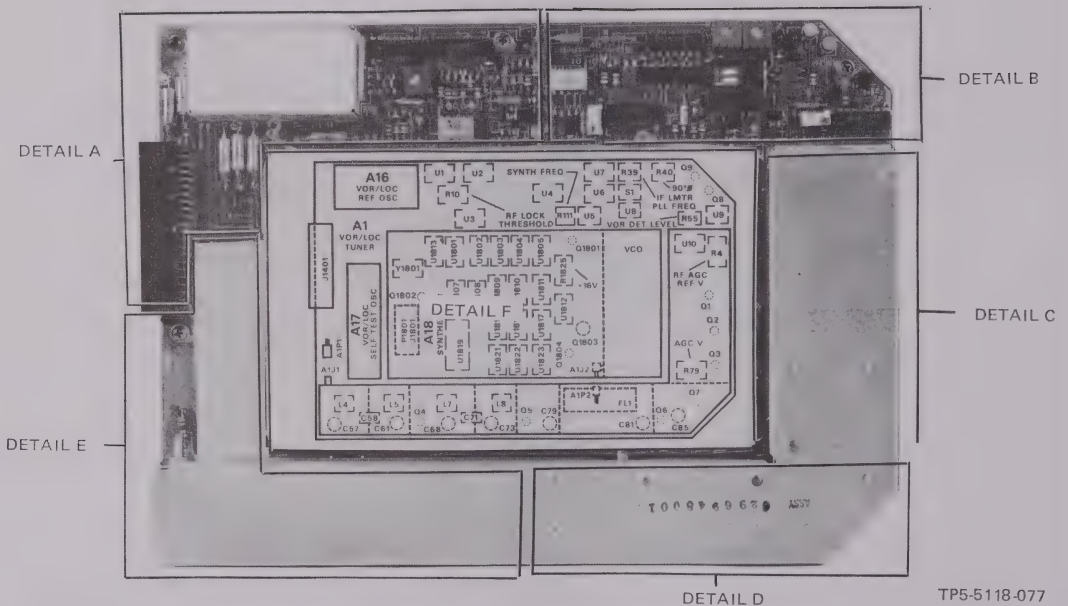
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q U A N T I T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
2 121	M45938-5-5		3	NUT,SLFLKG,CLINCH CD PL STL, 6-32 (V81349) 333-0841-000 (AP)		8
122	26R1-1		3	FASTENER, RCPT, TURNLOCK (V71286) 012-2164-000		3
123	629-6759-001		3	SPACER		3
R -124	MS20426AD3-5		3	RIVET,SOLID AL, 3/32 DIA X 5/16 (V96906) 305-1363-000 (AP)		12
125	651-2444-002		3	CHASSIS		1
R 127	SE19D01		2	TERMINAL,STUD (V81349) 306-2690-010 E47 E48 (ADDED)		2
R 129	RW67V6R8		2	RESISTOR,FIXED WW, 6.8 OHMS, 5%, 6.5W (V01686) 747-5417-000 R2330 R2331 (ADDED)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

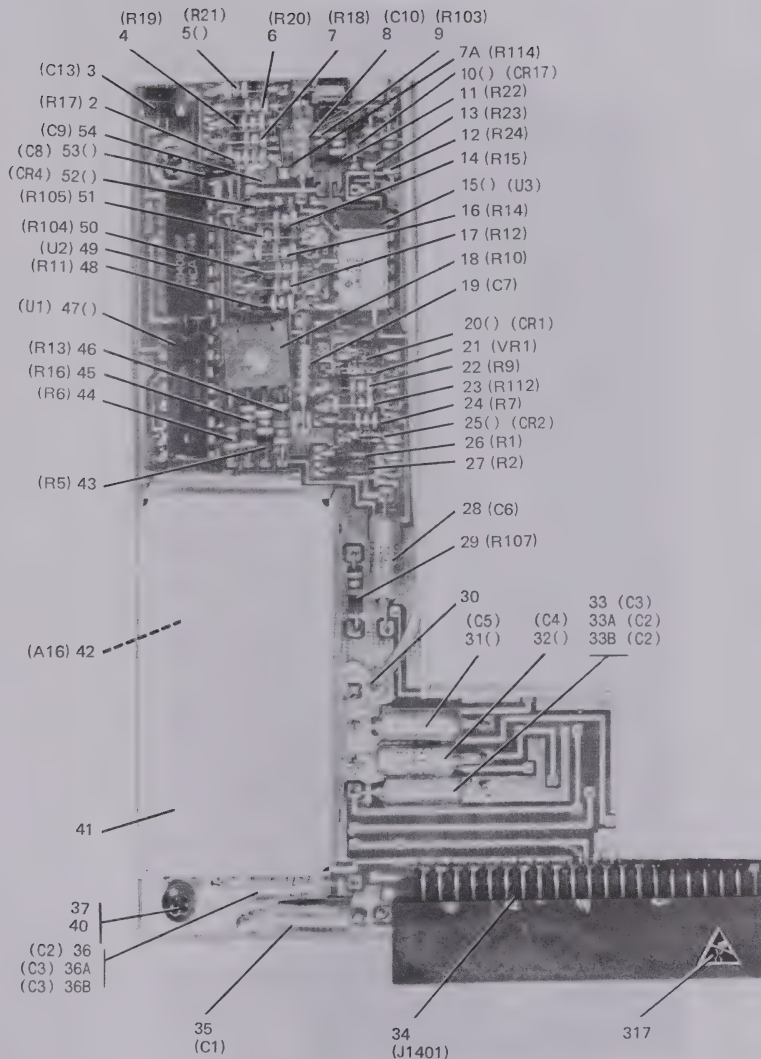


VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 1 of 8)

34-35-10

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL A

TP5-5118-077

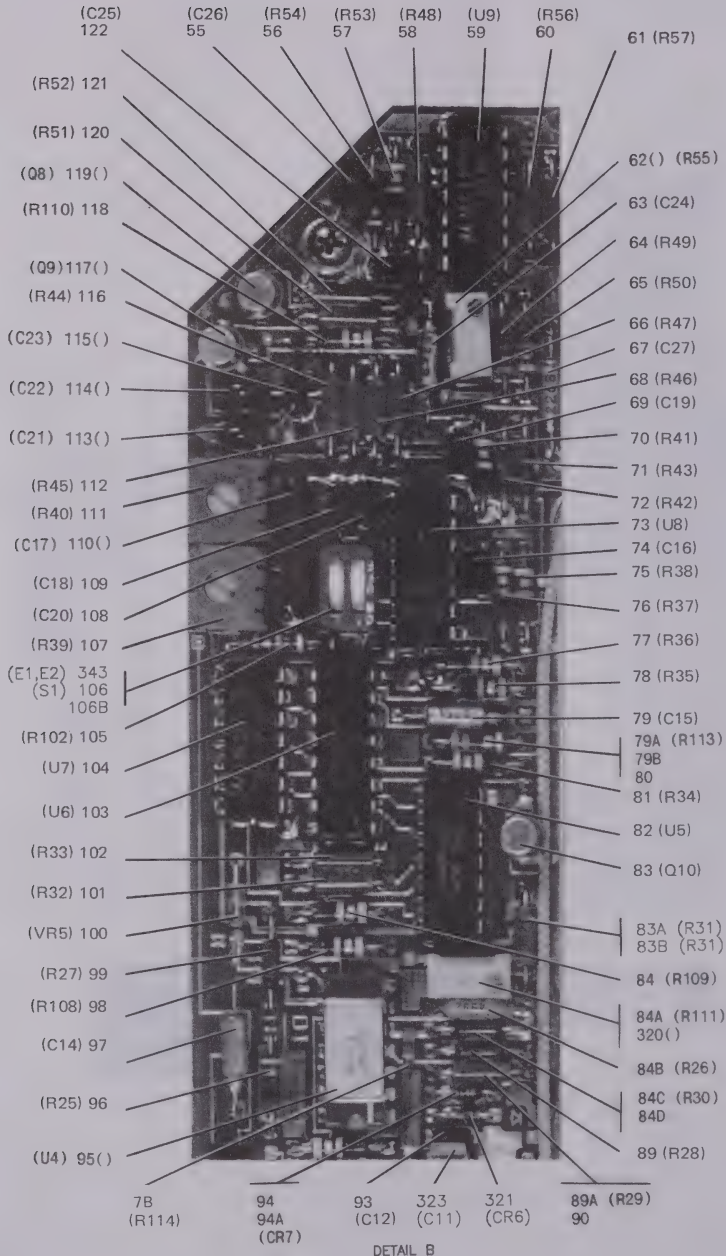
VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 2)

34-35-10

Page 197
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



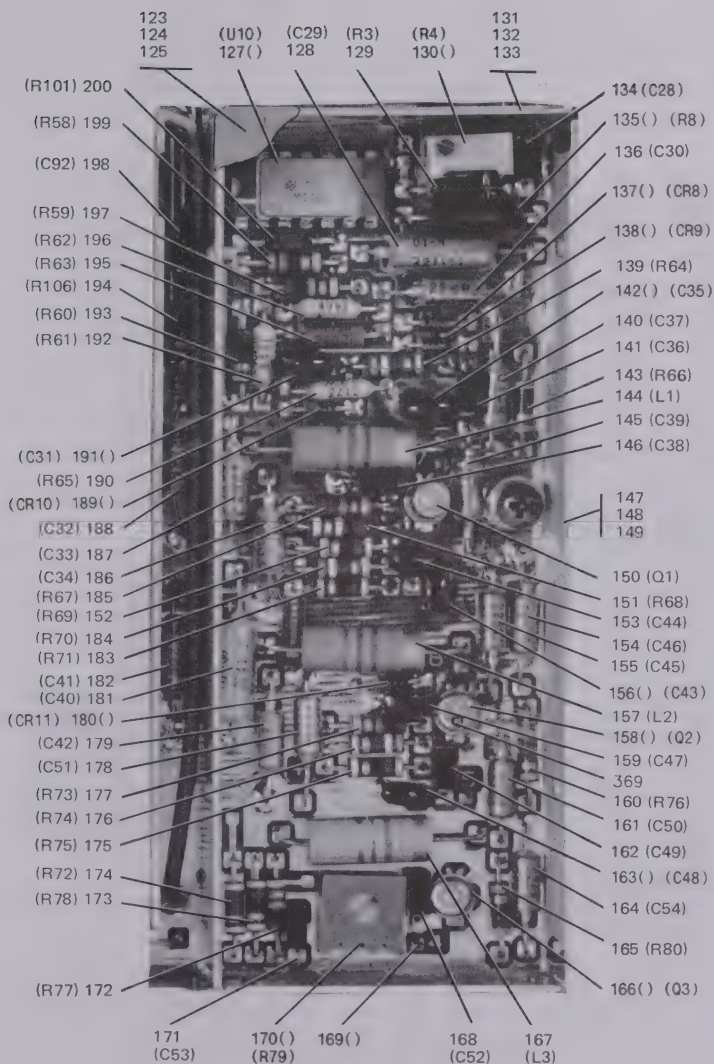
TP5-5118-087 (3)

VOR/ILS Receiver Assembly A1
 Figure 3 (Sheet 3)

34-35-10

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL C

TP5-5118-087 (4)

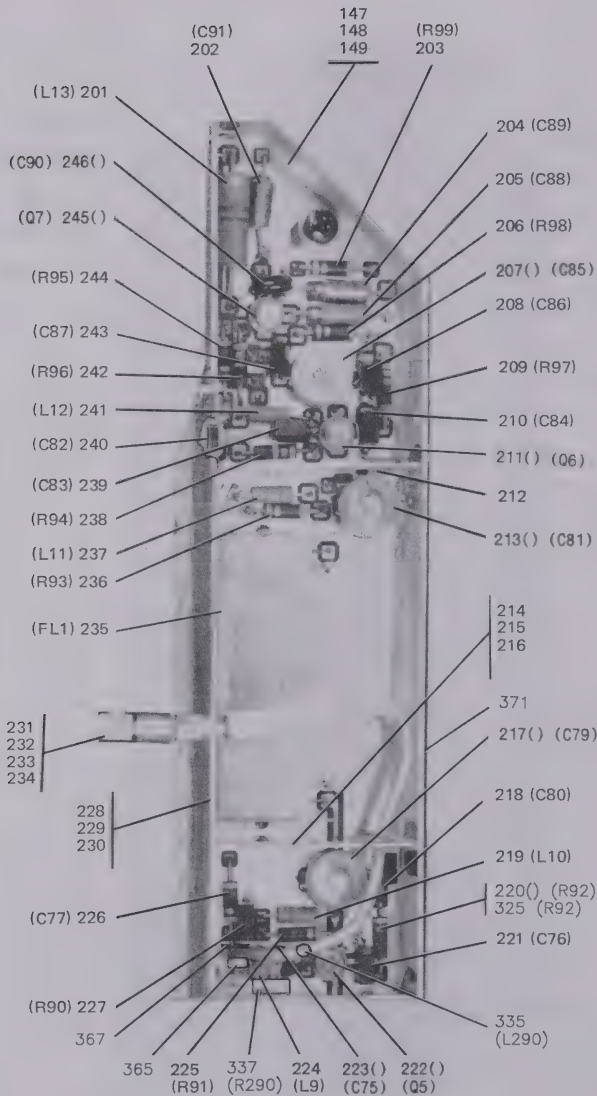
VOR/ILS Receiver Assembly A1
 Figure 3 (Sheet 4)

34-35-10

Page 199
 Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



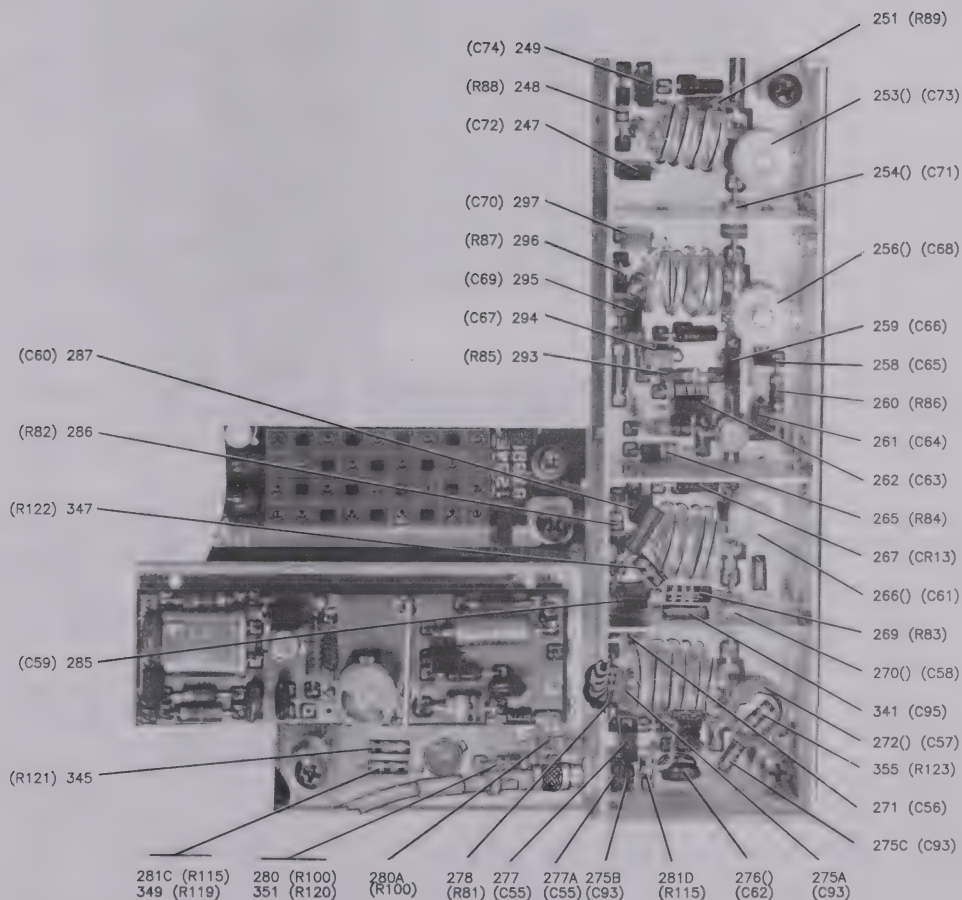
DETAIL D

TP5-5118-087 (5)

VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 5)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



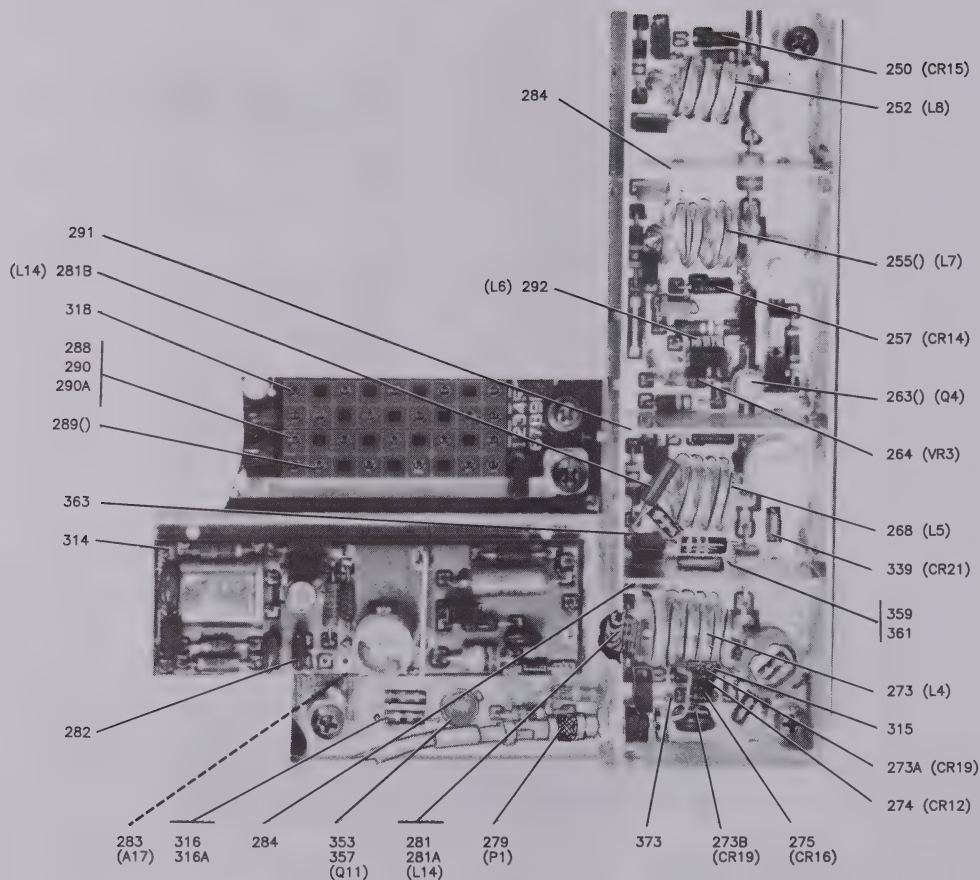
DETAIL E

TP5-5118-087 (6)

VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 6)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



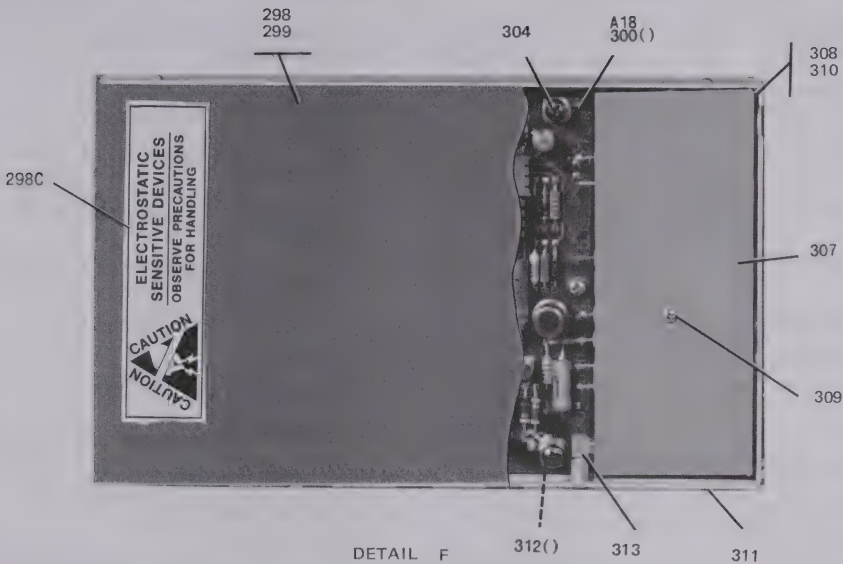
DETAIL E

TP5-5118-087 (7)

VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 7)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5118-087 (8)

VOR/ILS Receiver Assembly A1
Figure 3 (Sheet 8)

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3-1A	601-4301-001			1 RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 1-6, 6B, AND 6D FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X	RF
R -1B	642-4201-001			1 RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 1-6A, 6C, AND 6E FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	RF
R -1C	601-4301-004			1 RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 1-6F FOR NHA) (DELETED)	W	RF
R -1D	642-4201-002			1 RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 1-6G FOR NHA)	W	RF
	2 RCR07G334KS			2 RESISTOR, FIXED CMPSN, 0.33MEGO, 10%, 1/4W (V81349) 745-0839-000 R17		1
	3 CK05BX104K			2 CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C13		1
	4 RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R19		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 5	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R21 (EFF TO REV LTR M)		1
5A	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R21 (EFF REV M)		1
6	RCR07G153KS		2	RESISTOR, FIXED CMPSN, 15K, 10%, 1/4W (V81349) 745-0791-000 R20		1
7	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R18		1
7A	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 R114 (EFF REV M) (USED ON ITEMS 1A AND 1C)		1
R 7B	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 R114 (USED ON 1B/1D)		1
8	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C10		1
9	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R103		1
R 10	1N4454		2	DIODE (V12969) 353-3644-010 CR17 (SUPSD BY ITEM 10A)		1
10A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR17 (SUPSDS ITEM 10)		1
11	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R22		1
12	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R24		1
13	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R23		1
14	RCR07G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R15		1
15	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U3 (SUPSD BY ITEM 15A)		1
15A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U3 (SUPSDS ITEM 15)		1
16	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R14		1
17	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R12		1
R 18	3386P1-103		2	RESISTOR, VAR 10K , 10% (V80294) 382-0051-080 R10		1
19	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C7		1
R 20	1N4454		2	DIODE (V12969) 353-3644-010 CR1 (SUPSD BY ITEM 20A)		1
20A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1 (SUPSDS ITEM 20)		1
21	1N4624		2	SEMICONV DEVICE (V04713) 353-3591-480 VR1 (USED ON ITEMS 1A, 1B, AND 1C)		1
22	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R9		1
R 23	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R112 (USED ON ITEMS 1A, 1B, 1C)		1
24	RCR07G184KS		2	RESISTOR, FIXED CMPSN, 0.18MEGO, 10%, 1/4W (V81349) 745-0830-000 R7		1
R 25	1N4454		2	DIODE (V12969) 353-3644-010 CR2 (SUPSD BY ITEM 25A)		1
25A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2 (SUPSDS ITEM 25)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 26	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R1		1
27	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R2		1
28	M39003-01-2244		2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C6		1
29	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R107		1
30	NA1104-087		2	CONTACT, ELECTRICAL (V57863) 372-2601-087		18
31	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C5 (USED ON ITEMS 1A AND 1C)		1
31A	M39003-01-2292		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 20V (V81349) 184-9086-520 C5 (USED ON ITEMS 1B AND 1D)		1
32	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C4 (USED ON ITEMS 1A AND 1C)		1
32A	M39003-01-2306		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 C4 (USED ON ITEMS 1B AND 1D)		1
33	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C3 (USED ON ITEMS 1A AND 1C)		1
33A	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C2 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 33B)		1
33B	M39003-01-2292		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 20V (V81349) 184-9086-520 C2 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 33A)		1
34	87476-6		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-160 J1401		1
35	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C1		1
R 36	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2 (USED ON ITEMS 1A AND 1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
36A	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C3 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 36B)		1
36B	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C3 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 36A)		1
37	629-6561-013		2	SCREW		8
-38	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		8
-39	5100-39C		2	RING, RTNG RING, RETAINING (V79136) 340-0044-000 (AP) (SUPSD BY ITEM 39A)		8
R -39A	MS16624-5039		2	RING, RTNG RING, RETAINING (V96906) 340-0044-000 (AP) (SUPSD BY 39B)		8
R -39B	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (SUPSDS 39A) (AP)		8
40	608-6430-017		2	POST		8
41	635-5583-002		2	SHIELD		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3 42	601-4316-001		2	CIRCUIT CARD, VOR/LOC OSCILLATOR A16 (SEE FIG 18 FOR DET BKDN)		1
43	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R5		1
44	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R6		1
45	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R16		1
46	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R13		1
47	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U1 (SUPSD BY ITEM 47A)		1
47A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U1 (SUPSDS ITEM 47)		1
48	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R11		1
49	CD4085BF		2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U2		1
50	RCR07G123KS		2	RESISTOR, FIXED CMPSN, 12K, 10%, 1/4W (V81349) 745-0788-000 R104		1
51	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R105		1
R 52	1N4454		2	DIODE (V12969) 353-3644-010 CR4 (SUPSD BY ITEM 52A)		1
52A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR4 (SUPSDS ITEM 52)		1
53	CD5EY270J0		2	CAPACITOR, FXD MICA DIEL, 27PF, 5%, 50V (V93790) 912-4141-180 C8 (USED ON ITEMS 1A AND 1C) (SUPSD BY ITEM 53A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 53A	DM5EY270J0		2	CAPACITOR, FXD MICA DIEL, 27PF, 5%, 50V (V61306) 912-4141-180 C8 (USED ON 1A/1C) (SUPSD BY 53D)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 53B	DM5EY270J0		2	CAPACITOR, FXD MICA DIEL, 27PF, 5%, 50V (V61306) 912-4141-180 C8 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 53C)		1
53C	913-1098-570		2	CAPACITOR, FIXED CER DIEL, 27PF, 10%, 100VDC 913-1098-570 is REF No. for V72982 RPE110C0G270K100V C8 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 53B)		1
R -53D	DM5EY270J0		2	CAPACITOR, FXD MICA DIEL, 27PF, 5%, 50V (V81349) 912-4141-180 (USED ON 1A/1C) (SUPSDS 53A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 54	CK05BX152K		2	CAPACITOR, FIXED CER DIEL, 1500PF, 10%, 100V (V81349) 913-5019-100 C9		1
55	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C26		1
56	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R54		1
57	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R53		1
58	RN55D1052F		2	RESISTOR, FIXED FILM, 10.5K, 1%, 1/8W (V81349) 705-1045-000 R48		1
59	MC1596L		2	MICROCIRCUIT (ESDS) (V04713) 351-0043-030 U9		1

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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 60	RN55D7501F		2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R56		1
61	RN55D2212F		2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 R57		1
R 62	64W502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-450 R55 (USED ON 1A/1C) (SUPSD BY 62C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 62A	64W502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-450 R55 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 62B)		1
R 62B	RJ24CW502		2	RESISTOR, VARIABLE NONWIRE-WOUND, 5K, 10%, 1/2W (V32997) 380-1080-260 R55 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 62A)		1
R -62C	3292W1-502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V80294) 382-0052-450 (USED ON 1A/1C) (SUPSDS 62)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
63	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C24		1
64	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R49		1
65	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R50		1
66	RN55D7501F		2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R47		1
67	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C27		1
68	RN55D7501F		2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R46		1
69	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C19		1
70	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R41		1
71	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R43		1
72	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R42		1
73	LM565H		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V27014) 351-1114-030 U8		1
74	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C16		1
75	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R38		1
76	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R37		1
77	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R36		1
78	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R35		1
79	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C15		1
79A	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R113 (EFF TO REV L)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X	1

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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDUSTRY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 79B	RCR07G182KS		2	RESISTOR, FIXED CMPSN, 1.8K, 10%, 1/4W (V81349) 745-0758-000 R113 (EFF REV L TO REV N)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X	1
80	634-7161-001		2	RESISTOR, TEST SELECT R113 (EFF REV N)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	1
-80A	RCR07G471KS		3	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80B	RCR07G561KS		3	RESISTOR, FIXED CMPSN, 560 OHMS, 10%, 1/4W (V81349) 745-0740-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80C	RCR07G681KS		3	RESISTOR, FIXED CMPSN, 680 OHMS, 10%, 1/4W (V81349) 745-0743-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80D	RCR07G821KS		3	RESISTOR, FIXED CMPSN, 820 OHMS, 10%, 1/4W (V81349) 745-0746-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80E	RCR07G102KS		3	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80F	RCR07G122KS		3	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80G	RCR07G152KS		3	RESISTOR, FIXED CMPSN, 1.5K, 10%, 1/4W (V81349) 745-0755-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
-80H	RCR07G182KS		3	RESISTOR, FIXED CMPSN, 1.8K, 10%, 1/4W (V81349) 745-0758-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	3-80J	RCR07G222KS	3	RESISTOR, FIXED CMPSN, 2.2K, 10%, 1/4W (V81349) 745-0761-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
	-80K	RCR07G272KS	3	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/4W (V81349) 745-0764-000	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	AR
R	81	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R34		1
	82	CD4093BMJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8332-020 U5		1
	83	2N4220	2	TRANSISTOR (ESDS) (V27014) 352-0740-010 Q10	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	1
R	83A	RN55D1962F	2	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000 R31 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	83B	RCR07G153KS	2	RESISTOR, FIXED CMPSN, 15K, 10%, 1/4W (V81349) 745-0791-000 R31 (USED ON 1B/1D)		1
	84	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R109		1
R	84A	64W103	2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-460 R111 (USED ON ITEMS 1A AND 1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	84B	RN55D4992F	2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R26		1
	84C	RN55D2552F	2	RESISTOR, FIXED FILM, 25.5K, 1%, 1/8W (V81349) 705-3605-670 R30 SB 9 (EFF TO REV AB)		1
	84D	642-6198-001	2	TEST SELECT, RESISTOR R30 SB 9 (EFF REV AB)		1
R	-84E	RN55D1961F	3	RESISTOR, FIXED FILM, 1.96K, 1%, 1/8W (V81349) 705-1010-000 (DELETED)		AR
R	-84F	RN55D2051F	3	RESISTOR, FIXED FILM, 2.05K, 1%, 1/8W (V81349) 705-1011-000 (DELETED)		AR
R	-84G	RN55D2151F	3	RESISTOR, FIXED FILM, 2.15K, 1%, 1/8W (V81349) 705-1012-000 (DELETED)		AR
R	-84H	RN55D2261F	3	RESISTOR, FIXED FILM, 2.26K, 1%, 1/8W (V81349) 705-1013-000 (DELETED)		AR
R	-84J	RN55D2371F	3	RESISTOR, FIXED FILM, 2.37K, 1%, 1/8W (V81349) 705-1014-000 (DELETED)		AR
R	-84K	RN55D2491F	3	RESISTOR, FIXED FILM, 2.49K, 1%, 1/8W (V81349) 705-1015-000 (DELETED)		AR
R	-84L	RN55D2611F	3	RESISTOR, FIXED FILM, 2.61K, 1%, 1/8W (V81349) 705-1016-000 (DELETED)		AR
R	-84M	RN55D2741F	3	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 (DELETED)		AR
R	-84N	RN55D2871F	3	RESISTOR, FIXED FILM, 2.87K, 1%, 1/8W (V81349) 705-1018-000 (DELETED)		AR

- ITEM NOT ILLUSTRATED

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ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3-84P	RN55D3011F	3	RESISTOR, FIXED FILM, 3.01K, 1%, 1/8W (V81349) 705-1019-000 (DELETED)		AR
R	-84R	RN55D3161F	3	RESISTOR, FIXED FILM, 3.16K, 1%, 1/8W (V81349) 705-1020-000 (DELETED)		AR
R	-84S	RN55D3321F	3	RESISTOR, FIXED FILM, 3.32K, 1%, 1/8W (V81349) 705-1021-000 (DELETED)		AR
R	-84T	RN55D3481F	3	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 (DELETED)		AR
R	-84U	RN55D3651F	3	RESISTOR, FIXED FILM, 3.65K, 1%, 1/8W (V81349) 705-1023-000 (DELETED)		AR
R	-84V	RN55D3831F	3	RESISTOR, FIXED FILM, 3.83K, 1%, 1/8W (V81349) 705-1024-000 (DELETED)		AR
	-84W	RN55D4021F	3	RESISTOR, FIXED FILM, 4.02K, 1%, 1/8W (V81349) 705-1025-000		AR
	-84X	RN55D4221F	3	RESISTOR, FIXED FILM, 4.22K, 1%, 1/8W (V81349) 705-1026-000		AR
	-84Y	RN55D4421F	3	RESISTOR, FIXED FILM, 4.42K, 1%, 1/8W (V81349) 705-1027-000		AR
	-84Z	RN55D4641F	3	RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000		AR
	-85	RN55D4871F	3	RESISTOR, FIXED FILM, 4.87K, 1%, 1/8W (V81349) 705-1029-000		AR
	-85A	RN55D5111F	3	RESISTOR, FIXED FILM, 5.11K, 1%, 1/8W (V81349) 705-1030-000		AR
	-85B	RN55D5361F	3	RESISTOR, FIXED FILM, 5.36K, 1%, 1/8W (V81349) 705-1031-000		AR
	-85C	RN55D5621F	3	RESISTOR, FIXED FILM, 5.62K, 1%, 1/8W (V81349) 705-1032-000		AR
	-85D	RN55D5901F	3	RESISTOR, FIXED FILM, 5.9K, 10%, 1/8W (V81349) 705-1033-000		AR
	-85E	RN55D6191F	3	RESISTOR, FIXED FILM, 6.19K, 1%, 1/8W (V81349) 705-1034-000		AR
	-85F	RN55D6491F	3	RESISTOR, FIXED FILM, 6.49K, 1%, 1/8W (V81349) 705-1035-000		AR
	-85G	RN55D6811F	3	RESISTOR, FIXED FILM, 6.81K, 1%, 1/8W (V81349) 705-1036-000		AR
	-85H	RN55D7151F	3	RESISTOR, FIXED FILM, 7.15K, 1%, 1/8W (V81349) 705-1037-000		AR
	-85J	RN55D7501F	3	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000		AR
	-85K	RN55D7871F	3	RESISTOR, FIXED FILM, 7.87K, 1%, 1/8W (V81349) 705-1039-000		AR
	-85L	RN55D8251F	3	RESISTOR, FIXED FILM, 8.25K, 1%, 1/8W (V81349) 705-1040-000		AR
	-85M	RN55D8661F	3	RESISTOR, FIXED FILM, 8.66K, 1%, 1/8W (V81349) 705-1041-000		AR
	-85N	RN55D9091F	3	RESISTOR, FIXED FILM, 9.09K, 1%, 1/8W (V81349) 705-1042-000		AR
	-85P	RN55D9531F	3	RESISTOR, FIXED FILM, 9.53K, 1%, 1/8W (V81349) 705-1043-000		AR
	-85R	RN55D1002F	3	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000		AR
	-85S	RN55D1052F	3	RESISTOR, FIXED FILM, 10.5K, 1%, 1/8W (V81349) 705-1045-000		AR
	-85T	RN55D1102F	3	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000		AR
	-85U	RN55D1152F	3	RESISTOR, FIXED FILM, 11.5K, 1%, 1/8W (V81349) 705-1047-000		AR
	-85V	RN55D1212F	3	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000		AR
	-85W	RN55D1272F	3	RESISTOR, FIXED FILM, 12.7K, 1%, 1/8W (V81349) 705-1049-000		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3-85X	RN55D1332F		3	RESISTOR, FIXED FILM, 13.3K, 1%, 1/8W (V81349) 705-1050-000		AR
-85Y	RN55D1402F		3	RESISTOR, FIXED FILM, 14K, 1%, 1/8W (V81349) 705-1051-000		AR
-85Z	RN55D1472F		3	RESISTOR, FIXED FILM, 14.7K, 1%, 1/8W (V81349) 705-1052-000		AR
-86	RN55D1542F		3	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000		AR
-86A	RN55D1622F		3	RESISTOR, FIXED FILM, 16.2K, 1%, 1/8W (V81349) 705-1054-000		AR
-86B	RN55D1692F		3	RESISTOR, FIXED FILM, 16.9K, 1%, 1/8W (V81349) 705-1055-000		AR
-86C	RN55D1782F		3	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000		AR
-86D	RN55D1872F		3	RESISTOR, FIXED FILM, 18.7K, 1%, 1/8W (V81349) 705-1057-000		AR
-86E	RN55D1962F		3	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000		AR
R -86F	RN55D2001F		3	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 (DELETED)		AR
R -86G	RN55D2101F		3	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 (DELETED)		AR
R -86H	RN55D2211F		3	RESISTOR, FIXED FILM, 2.21K, 1%, 1/8W (V81349) 705-3605-160 (DELETED)		AR
R -86J	RN55D2321F		3	RESISTOR, FIXED FILM, 2.32K, 1%, 1/8W (V81349) 705-3605-170 (DELETED)		AR
R -86K	RN55D2431F		3	RESISTOR, FIXED FILM, 2.43K, 1%, 1/8W (V81349) 705-3605-180 (DELETED)		AR
R -86L	RN55D2551F		3	RESISTOR, FIXED FILM, 2.55K, 1%, 1/8W (V81349) 705-3605-190 (DELETED)		AR
R -86M	RN55D2671F		3	RESISTOR, FIXED FILM, 2.67K, 1%, 1/8W (V81349) 705-3605-200 (DELETED)		AR
R -86N	RN55D2801F		3	RESISTOR, FIXED FILM, 2.8K, 1%, 1/8W (V81349) 705-3605-210 (DELETED)		AR
R -86P	RN55D2941F		3	RESISTOR, FIXED FILM, 2.94K, 1%, 1/8W (V81349) 705-3605-220 (DELETED)		AR
R -86R	RN55D3091F		3	RESISTOR, FIXED FILM, 3.09K, 1%, 1/8W (V81349) 705-3605-230 (DELETED)		AR
R -86S	RN55D3241F		3	RESISTOR, FIXED FILM, 3.24K, 1%, 1/8W (V81349) 705-3605-240 (DELETED)		AR
R -86T	RN55D3401F		3	RESISTOR, FIXED FILM, 3.4K, 1%, 1/8W (V81349) 705-3605-250 (DELETED)		AR
R -86U	RN55D3571F		3	RESISTOR, FIXED FILM, 3.57K, 1%, 1/8W (V81349) 705-3605-260 (DELETED)		AR
R -86V	RN55D3741F		3	RESISTOR, FIXED FILM, 3.74K, 1%, 1/8W (V81349) 705-3605-270 (DELETED)		AR
R -86W	RN55D3921F		3	RESISTOR, FIXED FILM, 3.92K, 1%, 1/8W (V81349) 705-3605-280 (DELETED)		AR
-86X	RN55D4121F		3	RESISTOR, FIXED FILM, 4.12K, 1%, 1/8W (V81349) 705-3605-290		AR
-86Y	RN55D4321F		3	RESISTOR, FIXED FILM, 4.32K, 1%, 1/8W (V81349) 705-3605-300		AR
-87	RN55D4531F		3	RESISTOR, FIXED FILM, 4.53K, 1%, 1/8W (V81349) 705-3605-310		AR
-87A	RN55D4751F		3	RESISTOR, FIXED FILM, 4.75K, 1%, 1/8W (V81349) 705-3605-320		AR
-87B	RN55D4991F		3	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330		AR
-87C	RN55D5231F		3	RESISTOR, FIXED FILM, 5.23K, 1%, 1/8W (V81349) 705-3605-340		AR
-87D	RN55D5491F		3	RESISTOR, FIXED FILM, 5.49K, 1%, 1/8W (V81349) 705-3605-350		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3-87E	RN55D5761F		3	RESISTOR, FIXED FILM, 5.76K, 1%, 1/8W (V81349) 705-3605-360		AR
-87F	RN55D6041F		3	RESISTOR, FIXED FILM, 6.04K, 1%, 1/8W (V81349) 705-3605-370		AR
-87G	RN55D6341F		3	RESISTOR, FIXED FILM, 6.34K, 1%, 1/8W (V81349) 705-3605-380		AR
-87H	RN55D6651F		3	RESISTOR, FIXED FILM, 6.65K, 1%, 1/8W (V81349) 705-3605-390		AR
-87J	RN55D6981F		3	RESISTOR, FIXED FILM, 6.98K, 1%, 1/8W (V81349) 705-3605-400		AR
-87K	RN55D7321F		3	RESISTOR, FIXED FILM, 7.32K, 1%, 1/8W (V81349) 705-3605-410		AR
-87L	RN55D7681F		3	RESISTOR, FIXED FILM, 7.68K, 1%, 1/8W (V81349) 705-3605-420		AR
-87M	RN55D8061F		3	RESISTOR, FIXED FILM, 8.06K, 1%, 1/8W (V81349) 705-3605-430		AR
-87N	RN55D8451F		3	RESISTOR, FIXED FILM, 8.45K, 1%, 1/8W (V81349) 705-3605-440		AR
-87P	RN55D8871F		3	RESISTOR, FIXED FILM, 8.87K, 1%, 1/8W (V81349) 705-3605-450		AR
-87R	RN55D9311F		3	RESISTOR, FIXED FILM, 9.31K, 1%, 1/8W (V81349) 705-3605-460		AR
-87S	RN55D9761F		3	RESISTOR, FIXED FILM, 9.76K, 1%, 1/8W (V81349) 705-3605-470		AR
-87T	RN55D1022F		3	RESISTOR, FIXED FILM, 10.2K, 1%, 1/8W (V81349) 705-3605-480		AR
-87U	RN55D1072F		3	RESISTOR, FIXED FILM, 10.7K, 1%, 1/8W (V81349) 705-3605-490		AR
-87V	RN55D1132F		3	RESISTOR, FIXED FILM, 11.3K, 1%, 1/8W (V81349) 705-3605-500		AR
-87W	RN55D1182F		3	RESISTOR, FIXED FILM, 11.8K, 1%, 1/8W (V81349) 705-3605-510		AR
-87X	RN55D1242F		3	RESISTOR, FIXED FILM, 12.4K, 1%, 1/8W (V81349) 705-3605-520		AR
-87Y	RN55D1302F		3	RESISTOR, FIXED FILM, 13K, 1%, 1/8W (V81349) 705-3605-530		AR
-87Z	RN55D1372F		3	RESISTOR, FIXED FILM, 13.7K, 1%, 1/8W (V81349) 705-3605-540		AR
-88	RN55D1432F		3	RESISTOR, FIXED FILM, 14.3K, 1%, 1/8W (V81349) 705-3605-550		AR
-88A	RN55D1502F		3	RESISTOR, FIXED FILM, 15K, 1%, 1/8W (V81349) 705-3605-560		AR
-88B	RN55D1582F		3	RESISTOR, FIXED FILM, 15.8K, 1%, 1/8W (V81349) 705-3605-570		AR
-88C	RN55D1652F		3	RESISTOR, FIXED FILM, 16.5K, 1%, 1/8W (V81349) 705-3605-580		AR
-88D	RN55D1742F		3	RESISTOR, FIXED FILM, 17.4K, 1%, 1/8W (V81349) 705-3605-590		AR
-88E	RN55D1822F		3	RESISTOR, FIXED FILM, 18.2K, 1%, 1/8W (V81349) 705-3605-600		AR
-88F	RN55D1912F		3	RESISTOR, FIXED FILM, 19.1K, 1%, 1/8W (V81349) 705-3605-610		AR
R -88G	RN55D2052F		3	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 (ADDED) THRU		AR
R -88H	RN55D4022F		3	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 (ADDED)		AR
R -88J	RN55D2002F		3	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 (ADDED) THRU		AR
R -88K	RN55D3922F		3	RESISTOR, FIXED FILM, 39.2K, 1%, 1/8W (V81349) 705-3605-760 (ADDED)		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 89	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R28		1
89A	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R29 SB 9 (EFF TO REV M)		1
90	641-9698-001		2	TEST SELECT, RESISTOR R29 SB 9 (EFF REV M)		1
-90A	RN55D1542F		3	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000		AR
-90B	RN55D1622F		3	RESISTOR, FIXED FILM, 16.2K, 1%, 1/8W (V81349) 705-1054-000		AR
-90C	RN55D1692F		3	RESISTOR, FIXED FILM, 16.9K, 1%, 1/8W (V81349) 705-1055-000		AR
-90D	RN55D1782F		3	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000		AR
-90E	RN55D1872F		3	RESISTOR, FIXED FILM, 18.7K, 1%, 1/8W (V81349) 705-1057-000		AR
-90F	RN55D1962F		3	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000		AR
-90G	RN55D2052F		3	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000		AR
-90H	RN55D2152F		3	RESISTOR, FIXED FILM, 21.5K, 1%, 1/8W (V81349) 705-1060-000		AR
-90J	RN55D2262F		3	RESISTOR, FIXED FILM, 22.6K, 1%, 1/8W (V81349) 705-1061-000		AR
-90K	RN55D2372F		3	RESISTOR, FIXED FILM, 23.7K, 1%, 1/8W (V81349) 705-1062-000		AR
-90L	RN55D2492F		3	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000		AR
-90M	RN55D2612F		3	RESISTOR, FIXED FILM, 26.1K, 1%, 1/8W (V81349) 705-1064-000		AR
-90N	RN55D2742F		3	RESISTOR, FIXED FILM, 27.4K, 1%, 1/8W (V81349) 705-1065-000		AR
-90P	RN55D2872F		3	RESISTOR, FIXED FILM, 28.7K, 1%, 1/8W (V81349) 705-1066-000		AR
-90R	RN55D3012F		3	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000		AR
-90S	RN55D3162F		3	RESISTOR, FIXED FILM, 31.6K, 1%, 1/8W (V81349) 705-1068-000		AR
-90T	RN55D3322F		3	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000		AR
-90U	RN55D3482F		3	RESISTOR, FIXED FILM, 34.8K, 1%, 1/8W (V81349) 705-1070-000		AR
-90V	RN55D3652F		3	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000		AR
-90W	RN55D3832F		3	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000		AR
R -90X	RN55D4022F		3	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 (ADDED)		AR
R -90Y	RN55D4222F		3	RESISTOR, FIXED FILM, 42.2K, 1%, 1/8W (V81349) 705-1074-000 (ADDED)		AR
R -90Z	RN55D4422F		3	RESISTOR, FIXED FILM, 44.2K, 1%, 1/8W (V81349) 705-1075-000 (ADDED)		AR
-91	RN55D1502F		3	RESISTOR, FIXED FILM, 15K, 1%, 1/8W (V81349) 705-3605-560		AR
-91A	RN55D1582F		3	RESISTOR, FIXED FILM, 15.8K, 1%, 1/8W (V81349) 705-3605-570		AR
-91B	RN55D1652F		3	RESISTOR, FIXED FILM, 16.5K, 1%, 1/8W (V81349) 705-3605-580		AR
-91C	RN55D1742F		3	RESISTOR, FIXED FILM, 17.4K, 1%, 1/8W (V81349) 705-3605-590		AR
-91D	RN55D1822F		3	RESISTOR, FIXED FILM, 18.2K, 1%, 1/8W (V81349) 705-3605-600		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3-91E	RN55D1912F		3	RESISTOR, FIXED FILM, 19.1K, 1%, 1/8W (V81349) 705-3605-610		AR
-91F	RN55D2002F		3	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620		AR
-91G	RN55D2102F		3	RESISTOR, FIXED FILM, 21K, 1%, 1/8W (V81349) 705-3605-630		AR
-91H	RN55D2212F		3	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640		AR
-91J	RN55D2322F		3	RESISTOR, FIXED FILM, 23.2K, 1%, 1/8W (V81349) 705-3605-650		AR
-91K	RN55D2432F		3	RESISTOR, FIXED FILM, 24.3K, 1%, 1/8W (V81349) 705-3605-660		AR
-91L	RN55D2552F		3	RESISTOR, FIXED FILM, 25.5K, 1%, 1/8W (V81349) 705-3605-670		AR
-91M	RN55D2672F		3	RESISTOR, FIXED FILM, 26.7K, 1%, 1/8W (V81349) 705-3605-680		AR
-91N	RN55D2802F		3	RESISTOR, FIXED FILM, 28K, 1%, 1/8W (V81349) 705-3605-690		AR
-91P	RN55D2942F		3	RESISTOR, FIXED FILM, 29.4K, 1%, 1/8W (V81349) 705-3605-700		AR
-91R	RN55D3092F		3	RESISTOR, FIXED FILM, 30.9K, 1%, 1/8W (V81349) 705-3605-710		AR
-91S	RN55D3242F		3	RESISTOR, FIXED FILM, 32.4K, 1%, 1/8W (V81349) 705-3605-720		AR
-91T	RN55D3402F		3	RESISTOR, FIXED FILM, 34K, 1%, 1/8W (V81349) 705-3605-730		AR
-91U	RN55D3572F		3	RESISTOR, FIXED FILM, 35.7K, 1%, 1/8W (V81349) 705-3605-740		AR
-91V	RN55D3742F		3	RESISTOR, FIXED FILM, 37.4K, 1%, 1/8W (V81349) 705-3605-750		AR
R -91W	RN55D3922F		3	RESISTOR, FIXED FILM, 39.2K, 1%, 1/8W (V81349) 705-3605-760 (ADDED)		AR
R -91Z	RN55D4122F		3	RESISTOR, FIXED FILM, 41.2K, 1%, 1/8W (V81349) 705-3605-770 (ADDED)		AR
R -92	RN55D4322F		3	RESISTOR, FIXED FILM, 43.2K, 1%, 1/8W (V81349) 705-3605-780 (ADDED)		AR
R -92A	RN55D4532F		3	RESISTOR, FIXED FILM, 45.3K, 1%, 1/8W (V81349) 705-3605-790 (ADDED)		AR
93	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C12		1
R 94	1N4454		2	DIODE (V12969) 353-3644-010 CR7 (SUPSD BY ITEM 94A)		1
94A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR7 (SUPSDS ITEM 94)		1
95	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U4 (SUPSD BY ITEM 95A)		1
95A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U4 (SUPSDS ITEM 95)		1
96	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R25		1
97	M39003-01-2283		2	CAPACITOR, FIXED ELCTLT, 2.2UF, 10%, 20V (V81349) 184-9086-430 C14		1
98	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R108		1
99	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R27		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 100	1N962B	2	SEMICONV DEVICE (V12954) 353-3173-000 VR5 (USED ON 1A/1C) (DELETED BY REVISION)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	101	RN55D3242F	2	RESISTOR, FIXED FILM, 32.4K, 1%, 1/8W (V81349) 705-3605-720 R32		1
	102	RN55D3242F	2	RESISTOR, FIXED FILM, 32.4K, 1%, 1/8W (V81349) 705-3605-720 R33		1
	103	MC14572UBAL	2	MICROCIRCUIT (ESDS) (V04713) 351-8314-020 U6		1
R	104	SCL4013BC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U7		1
	105	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R102		1
R	106	435668-1	2	SWITCH, DIP (V00779) 266-0243-270 S1 (DELETED BY SB 19)		1
R	106B	435238-8	2	SWITCH, DIP (V00779) 266-0243-450 (DELETED BY REVISION)		1
R	107	3386P1-502	2	RESISTOR, VAR 5000 OHMS, 10% (V80294) 382-0051-070 R39		1
R	108	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C20		1
	109	CK05BX472K	2	CAPACITOR, FIXED CER DIEL, 4700PF, 10%, 100VDC (V81349) 913-5019-160 C18		1
R	110	DM20FD821J04CR	2	CAPACITOR, FXD MICA DIEL, 820PF, 5%, 500V (V14655) 912-3309-000 C17 (USED ON 1A/1C) (SUPSD BY 110A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	110A	DM20FD821J0	2	CAPACITOR, FXD MICA DIEL, 820PF, 5%, 500V (V61306) 912-3309-000 C17 (USED ON 1A/1C) (SUPSDS 110)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	110B	DM20FD821J0	2	CAPACITOR, FXD MICA DIEL, 820PF, 5%, 500V (V61306) 912-3309-000 C17 (USED ON 1B/1D) (SUPSD BY 110C)		1
R	110C	MA101A821JAA	2	CAPACITOR, FIXED, CER, 820PF, 5%, 100V (V04222) 834-5076-010 (USED ON 1B/1D) (SUPSDS 110B)		1
R	111	3386P1-103	2	RESISTOR, VAR 10K , 10% (V80294) 382-0051-080 R40		1
	112	RN55D7501F	2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R45		1
R	113	CD5FY101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V93790) 912-4141-050 C21 (USED ON 1A/1C) (SUPSD BY ITEM 113A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	113A	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V61306) 912-4141-050 C21 (USED ON 1A/1C) (SUPSD BY 113E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	113B	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V61306) 912-4141-050 C21 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 113C)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 113C	913-3281-280	2	CAPACITOR, FIXED CER DIEL, 100PF, 5%, 100V 913-3281-280 is REF No. for V59660 8121A1XXC0G0101J C21 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 113B)		1
R	-113E	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V81349) 912-4141-050 (USED ON 1A/1C) (SUPSDS 113)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	114	CD5FY101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V93790) 912-4141-050 C22 (USED ON 1A/1C) (SUPSD BY ITEM 114A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	114A	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V61306) 912-4141-050 C22 (USED ON 1A/1C) (SUPSD BY 114E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	114B	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V61306) 912-4141-050 C22 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 114C)		1
R	114C	913-3281-280	2	CAPACITOR, FIXED CER DIEL, 100PF, 5%, 100V 913-3281-280 is REF No. for V59660 8121A1XXC0G0101J C22 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 114B)		1
R	114E	DM5FA101J0	2	CAPACITOR, FXD MICA DIEL, 100PF, 5%, 50V (V81349) 912-4141-050 (USED ON 1A/1C) (SUPSDS 114A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	115	CD5FY241J0	2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C23 (USED ON ITEMS 1A AND 1C) (SUPSD BY ITEM 115A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	115A	DM5FY241J0	2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C23 (USED ON 1A/1C) (SUPSD BY 115D)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	115B	DM5FY241J0	2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C23 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 115C)		1
R	115C	C312C241F1G5CA	2	CAPACITOR, FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C23 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 115B)		1
R	115D	DM5FY241J0	2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 115A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	116	RN55D7501F	2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R44		1
	117	2N4220	2	TRANSISTOR (ESDS) (V27014) 352-0740-010 Q9 (SUPSD BY ITEM 117A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 117A	2N4416	2	TRANSISTOR (ESDS) (V15818) 352-0756-010 Q9 (SUPSD BY ITEM 117B)		1
	117B	SF50154	2	TRANSISTOR (ESDS) (ESDS) (V12040) 352-0756-120 Q9 (SUPSD BY ITEM 117C)		1
R	117C	FFE265U8	2	TRANSISTOR (ESDS) (ESDS) (V04713) 352-0756-120 Q9 (SUPSDS ITEMS 117 THRU 117B)		1
	118	RCR07G224KS	2	RESISTOR, FIXED CMPSN, 0.22MEGO, 10%, 1/4W (V81349) 745-0833-000 R110		1
	119	2N4220	2	TRANSISTOR (ESDS) (V27014) 352-0740-010 Q8 (SUPSD BY ITEM 119A)		1
R	119A	2N4416	2	TRANSISTOR (ESDS) (V15818) 352-0756-010 Q8 (SUPSD BY ITEM 119B)		1
	119B	SF50154	2	TRANSISTOR (ESDS) (ESDS) (V12040) 352-0756-120 Q8 (SUPSD BY ITEM 119C)		1
R	119C	FFE265U8	2	TRANSISTOR (ESDS) (ESDS) (V04713) 352-0756-120 Q8 (SUPSDS ITEMS 119 THRU 119B)		1
	120	RN55D8661F	2	RESISTOR, FIXED FILM, 8.66K, 1%, 1/8W (V81349) 705-1041-000 R51		1
	121	RN55D8661F	2	RESISTOR, FIXED FILM, 8.66K, 1%, 1/8W (V81349) 705-1041-000 R52		1
R	122	CK05BX152K	2	CAPACITOR, FIXED CER DIEL, 1500PF, 10%, 100V (V81349) 913-5019-100 C25		1
	123	629-6948-001	2	COVER, TUNER		1
	124	635-5716-001	3	STIFFENER		1
	125	629-6948-002	3	COVER		1
R	-126	MS16535-52	3	RIVET, TUBULAR CS, 0.089 DIA X 0.125 (V96906) 305-1731-000 (AP FOR 125, 126)		13
	127	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U10 (SUPSD BY ITEM 127A)		1
	127A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U10 (SUPSDS ITEM 127)		1
	128	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C29		1
	129	RN55D1241F	2	RESISTOR, FIXED FILM, 1.24K, 1%, 1/8W (V81349) 705-3605-040 R3		1
R	130	64W201	2	RESISTOR, VAR, NWW, 200 OHMS, 10%, 1/2W (V02111) 382-0052-410 R4 (USED ON 1A/1C) (SUPSD BY 130C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	130A	64W201	2	RESISTOR, VAR, NWW, 200 OHMS, 10%, 1/2W (V02111) 382-0052-410 R4 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 130B)		1
R	130B	RJ24CW201	2	RESISTOR, VARIABLE NONWIRE-WOUND, 200 OHMS, 10%, 1/2W (V32997) 380-1080-220 R4 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 130A)		1
R	-130C	3292W1-201	2	RESISTOR, VAR, NWW, 200 OHMS, 10%, 1/2W (V80294) 382-0052-410 (USED ON 1A/1C) (SUPSDS 130)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	131	635-5564-001	2	SHIELD, RF (SUPSD BY 131A)		1
R	-131A	827-1077-001	2	SHIELD, RF (SUPSDS 131)		1
R	132	MS20470AD2-2	3	RIVET, SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010 (USED ON 131)		2
R	133	635-5564-002	3	SHIELD (USED ON 131)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 134	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C28		1
R 135	TM1-8-470-5		2	RESISTOR, THRM 470 OHMS, 5%, 1/8W (V01295) 714-1135-420 R8 (SUPSD BY ITEM 135A)		1
R 135A	DS125-471J		2	RESISTOR, THRM 470 OHMS, 5%, 1/8W (V15454) 714-1135-420 R8 (SUPSDS ITEM 135)		1
	136	M39003-01-2268	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C30		1
R 137	1N4454		2	DIODE (V12969) 353-3644-010 CR8 (SUPSD BY ITEM 137A)		1
	137A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR8 (SUPSDS ITEM 137)		1
R 138	1N4454		2	DIODE (V12969) 353-3644-010 CR9 (SUPSD BY ITEM 138A)		1
	138A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR9 (SUPSDS ITEM 138)		1
	139	RCR07G392KS	2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R64		1
	140	M39003-01-2268	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C37		1
	141	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C36		1
R 142	CD5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C35 (USED ON 1A/1C) (SUPSD BY ITEM 142A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 142A	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C35 (USED ON 1A/1C) (SUPSD BY 142E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 142B	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C35 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 142C)		1
R 142C	C312C241F1G5CA		2	CAPACITOR, FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C35 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 142B)		1
R 142E	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	143	RCR07G472KS	2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R66		1
	144	MS90540-13	2	COIL, RF 3600UH (V96906) 240-2553-000 L1		1
	145	M39003-01-2268	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C39		1
	146	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C38		1
	147	635-5562-001	2	SHEILD, RF		1
R 148	MS20470AD2-2		3	RIVET, SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010		4
	149	635-5562-002	3	SHEILD		1
	150	3N187	2	TRANSISTOR (ESDS) (V02735) 352-1093-010 Q1		1
	151	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R68		1
	152	RCR07G470KS	2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R69		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 153	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C44		1
154	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C46		1
155	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C45		1
R 156	CD5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C43 (USED ON 1A/1C) (SUPSD BY ITEM 156A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 156A	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C43 (USED ON 1A/1C) (SUPSD BY 156E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 156B	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C43 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 156C)		1
R 156C	C312C241F1G5CA		2	CAPACITOR, FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C43 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 156B)		1
R -156E	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 156A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
157	MS90540-13		2	COIL, RF 3600UH (V96906) 240-2553-000 L2		1
R 158	3N140		2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q2 (USED ON 1A/1C) (EFF TO REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 158A	68380		2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q2 (USED ON 1A/1C) (EFF REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 158B	3N140		2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q2 (USED ON 1B) (SUPSD BY 158C)		1
R 158C	68380		2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q2 (USED ON 1B) (SUPSD BY 158D)		1
R 158D	BFR84		2	TRANSISTOR (ESDS) (V25403) 843-3000-010 Q2 (USED ON 1B) (SUPSDS 158C)		1
159	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C47		1
160	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R76		1
161	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C50		1
162	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C49		1
R 163	CD5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C48 (USED ON 1A/1C) (SUPSD BY ITEM 163A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 163A	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C48 (USED ON ITEMS 1A AND 1C) (SUPSD BY 163E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	163B	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C48 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 163C)		1
R	163C	C312C241F1G5CA	2	CAPACITOR,FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C48 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 163B)		1
R	-163E	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 163A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	164	M39003-01-2268	2	CAPACITOR,FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C54		1
	165	RCR07G472KS	2	RESISTOR,FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R80		1
R	166	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q3 (USED ON 1A/1C)(EFF TO REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	166A	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q3 (USED ON 1A/1C)(EFF REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	-166B	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q3 (USED ON 1B/1D) (SUPSD BY 166C)		1
R	-166C	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 (USED ON 1B/1D) (SUPSD BY 166D)		1
R	-166D	BFR84	2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (USED ON 1B/1D) (SUPSDS 166C)		1
	167	MS90540-13	2	COIL,RF 3600UH (V96906) 240-2553-000 L3		1
	168	CK05BX104K	2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C52		1
R	169	NA1104-045	2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	11
	169A	NA1104-045	2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON ITEMS 1B AND 1D)		19
R	170	3386P1-502	2	RESISTOR,VAR 5000 OHMS, 10% (V80294) 382-0051-070 R79 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	170A	3386P1-502	2	RESISTOR,VAR 5000 OHMS, 10% (V80294) 382-0051-070 R79 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 170B)		1
R	170B	RJ24CW502	2	RESISTOR,VARIABLE NONWIRE-WOUND, 5K, 10%, 1/2W (V32997) 380-1080-260 R79 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 170A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- STOCK	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 171	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C53		1
172	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R77		1
173	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R78		1
174	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R72		1
175	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R75		1
176	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R74		1
177	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R73		1
178	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C51		1
179	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C42		1
R 180	1N4454		2	DIODE (V12969) 353-3644-010 CR11 (SUPSD BY ITEM 180A)		1
180A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR11 (SUPSDS BY ITEM 180)		1
181	M39003-01-2244		2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C40		1
182	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C41		1
183	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R71		1
184	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R70		1
185	RCR07G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R67		1
186	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C34		1
187	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C33		1
188	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C32		1
R 189	1N4454		2	DIODE (V12969) 353-3644-010 CR10 (SUPSD BY ITEM 189A)		1
189A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR10 (SUPSDS BY ITEM 189)		1
190	RN55D2212F		2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 R65		1
R 191	CD5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C31 (USED ON 1A/1C) (SUPSD BY ITEM 191A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 191A	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C31 (USED ON 1A/1C) (SUPSD BY 191E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 191B	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C31 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 191C)		1
R 191C	C312C241F1G5CA		2	CAPACITOR, FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C31 (USED ON ITEMS 1B AND 1D) (SUPSDS 191B)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3-191E	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 191A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	192	RN55D6491F	2	RESISTOR,FIXED FILM, 6.49K, 1%, 1/8W (V81349) 705-1035-000 R61		1
	193	RCR07G102KS	2	RESISTOR,FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R60		1
	194	RCR07G271KS	2	RESISTOR,FIXED CMPSN, 270 OHMS, 10%, 1/4W (V81349) 745-0728-000 R106		1
	195	RN55D2492F	2	RESISTOR,FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R63		1
	196	RN55D4992F	2	RESISTOR,FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R62		1
	197	RCR07G103KS	2	RESISTOR,FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R59		1
R	198	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C92		1
	199	RCR07G332KS	2	RESISTOR,FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R58		1
	200	RN55D7320F	2	RESISTOR,FIXED FILM, 732 OHMS, 1%, 1/8W (V81349) 705-3600-900 R101		1
	201	MS90540-13	2	COIL,RF 3600UH (V96906) 240-2553-000 L13		1
	202	M39003-01-2268	2	CAPACITOR,FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C91		1
	203	RCR07G472KS	2	RESISTOR,FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R99		1
	204	M39003-01-2268	2	CAPACITOR,FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C89		1
	205	M39003-01-2268	2	CAPACITOR,FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C88		1
	206	RCR07G472KS	2	RESISTOR,FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R98		1
R	207	538011E2P094R	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C85 (SUPSD BY ITEM 207A)		1
R	207A	538-080D9-35	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C85 (SUPSDS ITEM 207)		1
R	208	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C86		1
	209	RCR07G472KS	2	RESISTOR,FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R97		1
R	210	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C84		1
R	211	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q6 (USED ON 1A/1C)(EFF TO REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	211A	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q6 (USED ON 1A/1C)(EFF REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	-211B	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q6 (USED ON 1B/1D) (SUPSD BY 211C)		1
R	-211C	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 (USED ON 1B/1D) (SUPSD BY 211D)		1
R	-211D	BFR84	2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (USED ON 1B/1D) (SUPSDS 211C)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 212	629-6964-002	2	SHIELD,RF		1
	213	538011E2P094R	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C81 (SUPSD BY ITEM 213A)		1
R	213A	538-080D9-35	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C81 (SUPSDS ITEM 213)		1
R	214	629-6964-001	2	SHIELD,RF		1
	215	SE438RSHT	3	EYELET,METALLIC BRS, 0.121DIA X 0.093 (V61957) 307-1216-000		1
R	216	629-6964-002	3	SHIELD,RF		1
	217	538011E2P094R	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C79 (SUPSD BY ITEM 217A)		1
R	217A	538-080D9-35	2	CAPACITOR,VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C79 (SUPSDS ITEM 217)		1
R	218	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C80		1
R	219	MS75084-04	2	COIL, RF, 2.20UH (V96906) 240-2027-000 L10		1
	220	RCR07G272KS	2	RESISTOR,FIXED CMPSN, 2.7K, 10%, 1/4W (V81349) 745-0764-000 R92 (USED ON 1A/1B)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V X,Y	1
R	220A	RCR07G102KS	2	RESISTOR,FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R92 (USED ON 1C)	W	1
R	221	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C76		1
R	222	3N141	2	TRANSISTOR (ESDS) (V54590) 352-0867-020 Q5 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	222A	3N141	2	TRANSISTOR (ESDS) (V54590) 352-0867-020 Q5 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 222B)		1
	222B	68784	2	TRANSISTOR (V54590) 352-0867-060 Q5 (USED ON ITEMS 1B AND 1D) (SUPSD BY 222C)		1
R	-222C	BFR84	2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (USED ON 1B/1D) (SUPSDS 222B)		1
R	223	DM5CC100D0	2	CAPACITOR,FIXED MICA DIEL, 10PF, PORM 0.5PF, 300V (V61306) 912-4141-020 C75 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	223A	DM5CC100D0	2	CAPACITOR,FIXED MICA DIEL, 10PF, PORM 0.5PF, 300V (V61306) 912-4141-020 C75 (USED ON 1B) (SUPSD BY ITEM 223B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X	1
R	223B	913-1098-010	2	CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V C75 (USED ON 1B) (SUPSDS ITEM 223A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X	1
R	224	MS75083-03	2	COIL, RF, 0.15UH (V96906) 240-2013-000 L9 (USED ON 1A/1B/1C)		1
	225	RCR07G562KS	2	RESISTOR,FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R91		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 226	CK05BX103K	2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C77		1
	227	RCR07G470KS	2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R90		1
R	228	629-6898-001	2	SHIELD, RF (SUPSD BY 228A)		1
R	-228A	827-1076-000	2	SHIELD, RF (SUPSDS 228)		1
R	229	MS20470AD2-2	3	RIVET, SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010 (USED ON 228)		1
R	230	629-6898-002	3	SHIELD, RF (USED ON 228)		1
	231	635-5579-003	2	CABLE, RF		1
R	232	51-424-3196	3	CONNECTOR, RF (V98291) 357-7552-010		1
R	233	RG178BU	3	CABLE, RF (V81349) 425-1538-000		AR
R	234	635-5580-005	3	BAND, MARKER		1
R	235	5878	2	FILTER, CRYSTAL, BP (V25120) 293-1313-020 FL1		1
	236	RCR07G472KS	2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R93		1
	237	MS75084-04	2	COIL, RF, 2.20UH (V96906) 240-2027-000 L11		1
	238	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEG, 10%, 1/4W (V81349) 745-0821-000 R94		1
R	239	CK05BX103K	2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C83		1
R	240	CK05BX103K	2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C82		1
	241	MS75084-04	2	COIL, RF, 2.20UH (V96906) 240-2027-000 L12		1
	242	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R96		1
R	243	CK05BX102K	2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-5018-000 C87		1
	244	RCR07G470KS	2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R95		1
R	245	3N141	2	TRANSISTOR (ESDS) (V54590) 352-0867-020 Q7 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	245A	3N141	2	TRANSISTOR (ESDS) (V54590) 352-0867-020 Q7 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 245B)		1
	245B	68784	2	TRANSISTOR (V54590) 352-0867-060 Q7 (USED ON ITEMS 1B AND 1D) (SUPSD BY 245C)		1
R	-245C	BFR84	2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (USED ON 1B/1D) (SUPSDS 245B)		1
R	246	CD5FY241J0	2	CAPACITOR, FXD MICA DIELECTRIC, 240PF, 5%, 50V (V93790) 912-4141-460 C90 (USED ON 1A/1C) (SUPSD BY ITEM 246A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	246A	DM5FY241J0	2	CAPACITOR, FXD MICA DIELECTRIC, 240PF, 5%, 50V (V61306) 912-4141-460 C90 (USED ON 1A/1C) (SUPSD BY 246E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	246B	DM5FY241J0	2	CAPACITOR, FXD MICA DIELECTRIC, 240PF, 5%, 50V (V61306) 912-4141-460 C90 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 246C)		1
R	246C	C312C241F1G5CA	2	CAPACITOR, FIXED CER DIELECTRIC, 240PF, 1%, 100VDC (V31433) 913-2609-440 C90 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 246B)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDU- STRY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 246E	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 246A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	247	CK05BX471K	2	CAPACITOR,FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C72		1
	248	RCR07G104KS	2	RESISTOR,FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R88		1
R	249	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C74		1
R	250	1N5141A	2	DIODE (V96341) 922-6095-060 CR15		1
	251	RCR07G562KS	2	RESISTOR,FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R89		1
R	252	635-5708-001	2	COIL,RF L8		1
	253	538011C0P089R	2	CAPACITOR,VAR CER DIEL, 2 TO 8PF, 350V (V72982) 917-1218-000 C73 (SUPSD BY ITEM 253A)		1
	253A	538-080A2-8	2	CAPACITOR,VAR CER DIEL, 2 TO 8PF, 350V (V59660) 917-1218-000 C73 (SUPSDS ITEM 253)		1
R	254	QC0-82UUF5PCT	2	CAPACITOR,FXD CER DIEL, 0.82PF, 5%, 500V (V95121) 913-2975-000 C71 (SUPSD BY ITEM 254A)		1
R	254A	QC82PF5PCT	2	CAPACITOR,FXD CER DIEL, 0.82PF, 5%, 500V (V95121) 913-2975-000 C71 (SUPSDS ITEM 254)		1
R	255	635-5708-002	2	COIL,RF L7 (EFF TO REV LTR W)		1
R	255A	635-5708-001	2	COIL,RF L7 (EFF REV W)		1
	256	538011C0P089R	2	CAPACITOR,VAR CER DIEL, 2 TO 8PF, 350V (V72982) 917-1218-000 C68 (SUPSD BY ITEM 256A)		1
	256A	538-080A2-8	2	CAPACITOR,VAR CER DIEL, 2 TO 8PF, 350V (V59660) 917-1218-000 C68 (SUPSDS ITEM 256)		1
R	257	1N5141A	2	DIODE (V96341) 922-6095-060 CR14		1
R	258	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C65		1
R	259	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C66		1
	260	RCR07G472KS	2	RESISTOR,FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R86		1
R	261	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C64		1
	262	CK05BX104K	2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C63		1
R	263	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q4 (USED ON 1A/1C)(EFF TO REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	263A	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q4 (USED ON 1A/1C)(EFF REV AF)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	-263B	3N140	2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q4 (USED ON 1B/1D) (SUPSD BY 263D)		1
R	-263C	68380	2	TRANSISTOR (ESDS) (V54590) 352-0867-050 (USED ON 1B/1D) (SUPSD BY 263D)		1
R	-263D	BFR84	2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (USED ON 1B/1D) (SUPSDS 263C)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
3 264	1N4109		2	DIODE (V04713) 353-3591-110 VR3		1
265	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R84		1
266	538011C0P089R		2	CAPACITOR, VAR CER DIEL, 2 TO 8PF, 350V (V72982) 917-1218-000 C61 (SUPSD BY ITEM 266A)		1
266A	538-080A2-8		2	CAPACITOR, VAR CER DIEL, 2 TO 8PF, 350V (V59660) 917-1218-000 C61 (SUPSDS ITEM 266)		1
R 267	1N5141A		2	DIODE (V96341) 922-6095-060 CR13		1
R 268	635-5708-001		2	COIL, RF L5		1
269	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R83		1
R 270	QC2-4UUF5PCT		2	CAPACITOR, FXD CER DIEL, 2.4PF, 5%, 500V (V95121) 913-2986-000 C58 (SUPSD BY ITEM 270A)		1
R 270A	QC2-4PF5PCT		2	CAPACITOR, FXD CER DIEL, 2.4PF, 5%, 500V (V95121) 913-2986-000 C58 (SUPSDS ITEM 270)		1
R 271	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C56		1
272	538011C0P089R		2	CAPACITOR, VAR CER DIEL, 2 TO 8PF, 350V (V72982) 917-1218-000 C57 (SUPSD BY ITEM 272A)		1
272A	538-080A2-8		2	CAPACITOR, VAR CER DIEL, 2 TO 8PF, 350V (V59660) 917-1218-000 C57 (SUPSDS ITEM 272)		1
R 273	635-5708-002		2	COIL, RF L4		1
R 273A	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR19 SB 3 (EFF REV T) (USED ON ITEMS 1A AND 1C)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
273B	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR19 (USED ON ITEMS 1B AND 1D)		1
R 274	1N5141A		2	DIODE (V96341) 922-6095-060 CR12		1
275	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR16		1
R 275A	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C93 SB 3 (EFF REV T) (USED ON ITEMS 1A AND 1C) (SUPSD BY 275C)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
R 275B	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C93 (USED ON ITEMS 1B AND 1D) (SUPSD BY 275C)		1
R -275C	08055C102KAT050		2	CAPACITOR, FIXED CER, 1,000PF, 10%, 50V (V96095) 913-3670-120 (SB24) (LOCATED OPPOSITE SIDE SHOWN) (SUPSDS 275A/275B)		1
R 276	CD5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V93790) 912-4141-460 C62 (USED ON 1A/1C) (SUPSD BY ITEM 276A)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
R 276A	DM5FY241J0		2	CAPACITOR, FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C62 (USED ON 1A/1C) (SUPSD BY 276E)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 276B	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V61306) 912-4141-460 C62 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 276C)		1
R	276C	C312C241F1G5CA	2	CAPACITOR,FIXED CER DIEL, 240PF, 1%, 100VDC (V31433) 913-2609-440 C62 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 276B)		1
R	-276E	DM5FY241J0	2	CAPACITOR,FXD MICA DIEL, 240PF, 5%, 50V (V81349) 912-4141-460 (USED ON 1A/1C) (SUPSDS 276A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	277	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C55 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	277A	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C55 (USED ON ITEMS 1B AND 1D)		1
	278	RCR07G104KS	2	RESISTOR,FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R81		1
R	279	M39012-71-0001	2	CONNECTOR, RCPT, ELEC (V81349) 357-9917-010 P1		1
R	280	RCR07G332KS	2	RESISTOR,FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R100 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	280A	RCR07G332KS	2	RESISTOR,FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R100 (USED ON ITEMS 1B AND 1D)		1
R	281	635-5709-001	2	COIL,RF L14 SB 3 (EFF TO REV LTR T)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	281A	635-5709-002	2	COIL, RF L14 SB 3 (EFF REV LTR T) (USED ON ITEMS 1A AND 1C)		1
R	281B	635-5709-001	2	COIL,RF L14 (USED ON 1B/1D) (DELETED)		1
	281C	RCR07G391KS	2	RESISTOR,FIXED CMPSN, 390 OHMS, 10%, 1/4W (V81349) 745-0734-000 R115 SB 3 (EFF REV T) (SUPSD BY 281D)		1
R	281D	RCR07G681JS	2	RESISTOR,FIXED CMPSN, 680 OHMS, 5%, 1/4W (V81349) 745-0742-000 (SB24) (NEW LOCATION) NOTE: 1A/1B LOCATED ON BTM OF BRD. 1C/1D LOCATED ON TOP SIDE. (ADDED) (SUPSDS 281C)		1
	282	635-5583-001	2	SHIELD		1
R	283	601-4317-001	2	CIRCUIT CARD, VOR/LOC SELF-TEST OSC A17 (SEE FIG 19 FOR DET BKDN)		1
	284	629-6963-001	2	SHIELD,RF		2
R	285	CK05BX471K	2	CAPACITOR,FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C59		1
	286	RCR07G104KS	2	RESISTOR,FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R82		1
R	287	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C60		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	3 288	635-5706-001	2	PLATE,MTG-CAP		1
	-288A	761-5321-028	2	WASHER (AP) (ADDED BY REVISION)		17
	289	913-3018-010	3	CAPACITOR,FXD CER DIEL, 1000PF, 100V (V72982) (SUPSD BY ITEM 289A)		17
R	289A	FH18K102XK	3	CAPACITOR,FXD CER DIEL, 1000PF, 100V (V21052) 913-3018-010 (SUPSDS ITEM 289)		17
	290	635-5706-003	3	PLATE		1
	290A	542-0814-003	2	TUBELET (EFF REV LTR P)		17
	291	629-6963-002	2	SHIELD,RF		2
	292	MS75084-04	2	COIL, RF, 2.20UH (V96906) 240-2027-000 L6		1
	293	RCR07G562KS	2	RESISTOR,FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R85		1
R	294	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C67		1
R	295	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C69		1
	296	RCR07G104KS	2	RESISTOR,FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R87		1
	297	CK05BX471K	2	CAPACITOR,FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C70		1
R	298	635-5701-001	2	SYNTHESIZER, VOR/LOC ATTACHING PARTS		1
R	-298A	MS51957-3	2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
	-298B	310-6320-000	2	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807) ---*---		2
	298C	280-2745-010	3	LABEL, ESDS WARNING (V12998) (ADDED BY REVISION)		1
R	299	635-5587-001	3	COVER		1
	300	601-4318-001	3	CIRCUIT CARD, VOR/LOC SYNTHESIZER A18 (SEE FIG 20 FOR DET BKDN) (SUPSD BY ITEM 300A)		1
R	300A	642-4218-001	3	CIRCUIT CARD, SMO-VOR/LOC (ESDS) A18 (SEE FIG 20 FOR DET BKDN) (SUPSDS ITEM 300)		1
R	-301	MS51957-4	3	SCREW,MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000 (AP)		3
	-302	MS35338-134	3	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 (AP)		3
	-303	310-6320-000	3	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807) (AP)		3
R	304	629-6561-012	3	SCREW		4
	-305	MS35338-135	3	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R	-306	340-0694-000	3	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 306A)		4
R	-306A	340-0644-000	3	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 306)		4
R	307	635-5576-001	3	VCO, VOR/LOC (NON-REPAIRABLE ITEM)		1
	308	635-5586-001	3	SHIELD		1
	309	635-5566-002	4	POST		1
R	310	635-5586-002	4	SHIELD		1
	311	MS20470AD2-2	4	RIVET,SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010		4
	312	R22NCFMA1-26	4	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V72962) 333-0837-000 (SUPSD BY ITEM 312A)		2
	312A	M45938-5-1	4	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V81349) 333-0837-000 (SUPSDS ITEM 312)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3 313	87476-6		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-160 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 314	NA1104-046		2	CONTACT, ELECTRICAL (V57863) 372-2601-046 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	6
R 315	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 (USED ON 1A/1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 316	SL354-351WHT		2	TERMINAL,FEEDTH (V12615) 306-2474-010 SB 3 EFF REV T (USED ON 1A & 1C) (SUPSD BY 316A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	3
R 316A	002-3402-000599		2	TERMINAL,FEEDTH (V98291) 306-2474-010 (USED ON 1A/1C) (SUPSDS 316)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	3
	317 280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 318	NA1104-087		2	CONTACT, ELECTRICAL (V57863) 372-2601-087 (USED ON 642-4201-001/002)		18
R 320	64W103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-460 R111 (USED ON ITEMS 1B AND 1D) (SUPSD BY ITEM 320A)		1
R 320A	RJ24CW103		2	RESISTOR,VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-270 R111 (USED ON ITEMS 1B AND 1D) (SUPSDS ITEM 320)		1
R 321	1N4454-1		2	DIODE (V12969) 353-3644-010 CR6		1
R 323	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C11		1
R 325	676-3535-001		2	RESISTOR, TEST SELECT R92 (USED ON 1D)	W	1
R -327A	RNC55H4990FS		3	RESISTOR, FIXED FILM, 499 OHMS, 1%, 1/10W (V81349) 724-0638-650 THRU	W	AR
R -333D	RNC55H3011FS		3	RESISTOR, FIXED FILM, 3.01K, 1%, 1/10W (V81349) 724-0639-410	W	AR
R 335	MS75083-03		2	COIL, RF, 0.15UH (V96906) 240-2013-000 L290 (USED ON 1D)(ADDED)	W	1
R 337	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R290 (USED ON 1D) (ADDED)	W	1
R 339	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR21 (SB24) (ADDED)		1
R 341	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C95 (SB24) (USED ON 1B/1D)(ADDED)		1
R 343	647-6472-001		2	TERMINAL E1 E2 (USED ON 1B/1D)(ADDED)		2
R 345	RCR05G222JS		2	RESISTOR, FIXED CMPSN, 2.2K, 5%, 1/8W (V81349) 745-1863-570 R121 (SB24) (ADDED)		1
R 347	RCR05G100KS		2	RESISTOR, FIXED CMPSN, 10 OHMS, 10%, 1/8W (V81349) 745-2268-000 R122 (SB24) (ADDED)		1

- ITEM NOT ILLUSTRATED

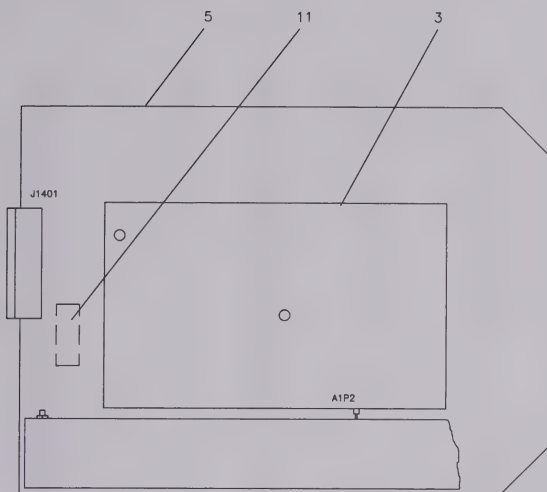
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3 349	RCR05G470JS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 5%, 1/8W (V81349) 745-1863-170 R119 (SB 24) (ADDED)		1
R 351	RCR07G102JS		2	RESISTOR, FIXED CMPSN, 1K, 5%, 1/4W (V81349) 745-0748-000 R120 (SB24) (ADDED)		1
R 353	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q11 (SB24) (ADDED)		1
R 355	RCR07G681JS		2	RESISTOR, FIXED CMPSN, 680 OHMS, 5%, 1/4W (V81349) 745-0742-000 R123 (SB24) (ADDED)		1
R 357	D306-04		2	INSULATOR, PREFORMED (V06090) 352-9525-000 (SB24) (ADDED)		1
R 359	M1055		2	EYELET, METALLIC (V23730) 307-1306-030 (USED ON 1B/1D)(ADDED)		5
R 361	M881F		2	EYELET, METALLIC (V81349) 307-1306-010 (USED ON 1A/1C)(ADDED)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	6
R 363	229-1002-000590		2	TERMINAL, STUD (V98291) 306-0749-020 (SB24) (USED ON 1B/1D)(ADDED)		1
R 365	NA1104-010		2	CONTACT, ELECTRICAL (V57863) 372-2601-010 (USED ON 1B/1D)(ADDED)		1
R 367	628-8864-001		2	TERMINAL, TEST POINT (USED ON 1B/1D) (ADDED)		1
R 369	21-030F		2	BEAD, SHIELDING (V33062) 288-0815-010 Z1-Z11 (USED ON 1B/1D)(ADDED)		11
R 371	827-1075-001		2	SHIELD (ADDED)		1
R 373	NA1104-047		2	CONTACT, ELECTRICAL (V57863) 372-2601-047 (SB24) (ADDED)	W	7

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



AD-4305-01-

VOR/ILS Receiver Assembly A1
Figure 3A

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3A-1	676-7201-001		1	RECEIVER ASSEMBLY, VOR/ILS A1 (SEE FIG 1-6H FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
R 3	635-5701-001		2	SYNTHESIZER, VOR/LOC (SEE FIG 3-298 FOR BREAKDOWN)		1
R 5	676-7201-051		2	CIRCUIT CARD, RECEIVER A1 (SEE FIG 3B) ATTACHING PARTS		1
R -7	MS51957-3		2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
R -9	553-5022-003		2	WASHER (SB A26)		2
R 11	280-3778-100		2	LABEL, INFORMATION (V0BU16)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

<u>REF DES</u>	<u>LOCATION</u>	<u>REF DES</u>	<u>LOCATION</u>	<u>REF DES</u>	<u>LOCATION</u>	<u>REF DES</u>	<u>LOCATION</u>	<u>REF DES</u>	<u>LOCATION</u>
A16	G-2	C51	B-9	CR11	C-10	R106	E-9	R42	F-9
A17	C-2	C52	B-10	CR12	A-1	R107	F-3	R43	F-9
A1P1	B-1	C53	B-9	CR13	A-3	R108	G-7	R44	G-9
C1	F-1	C54	B-10	CR14	A-4	R109	G-7	R45	G-9
C10	G-5	C55	B-1	CR15	A-5	R11	G-4	R46	G-9
C11	G-6	C56	B-2	CR16	A-2	R110	G-9	R47	G-9
C12	G-6	C57	A-1	CR17	F-6	R111	F-7	R48	G-10
C13	H-6	C58	A-2	CR19	A-1	R112	F-4	R49	F-9
C14	H-6	C59	B-2	CR2	F-4	R113	F-8	R5	G-4
C15	F-8	C6	F-3	CR21	A-2	R114	G-6	R50	F-10
C16	F-8	C60	B-3	CR4	G-5	R115	B-1	R51	G-10
C17	G-8	C61	A-3	CR6	F-6	R119	C-1	R52	G-10
C18	G-9	C62	A-2	CR7	F-6	R12	G-5	R53	G-10
C19	G-9	C63	A-3	CR8	E-10	R120	C-1	R54	G-10
C2	F-1	C64	A-3	CR9	E-10	R121	C-1	R55	F-10
C20	G-9	C65	A-3	FL1	B-7	R122	A-2	R56	F-10
C21	H-9	C66	A-3	J1401	F-1	R123	C-1	R57	F-10
C22	H-9	C67	A-3	L1	D-9	R13	G-4	R58	E-9
C23	G-9	C68	A-4	L10	A-6	R14	G-5	R59	E-9
C24	G-10	C69	B-4	L11	B-8	R15	G-5	R6	G-4
C25	G-10	C7	G-4	L12	B-9	R16	G-4	R60	E-9
C26	H-9	C70	B-4	L13	B-10	R17	G-5	R61	E-9
C27	F-9	C71	A-4	L2	D-10	R18	G-5	R62	E-9
C28	F-10	C72	B-5	L3	C-10	R19	G-6	R63	E-9
C29	E-10	C73	A-5	L4	B-1	R2	F-3	R64	E-10
C3	F-1	C74	B-5	L5	B-2	R20	G-6	R65	E-9
C30	E-10	C75	A-5	L6	A-3	R21	G-6	R66	E-10
C31	E-9	C76	A-6	L7	B-4	R22	G-5	R67	D-9
C32	D-9	C77	B-6	L8	B-5	R23	F-5	R68	D-9
C33	D-9	C79	A-6	L9	B-5	R24	F-5	R69	D-9
C34	D-9	C8	G-5	Q1	D-10	R25	G-6	R7	F-4
C35	E-10	C80	A-6	Q10	F-7	R26	G-7	R70	D-9
C36	E-10	C81	A-8	Q11	C-1	R27	G-7	R71	D-9
C37	E-10	C82	B-9	Q2	C-10	R28	F-6	R72	B-9
C38	D-10	C83	A-9	Q3	B-10	R29	F-6	R73	C-10
C39	D-10	C84	A-9	Q4	A-3	R3	F-10	R74	C-10
C4	E-2	C85	A-9	Q5	A-5	R30	F-6	R75	C-10
C40	C-9	C86	A-9	Q6	A-9	R31	F-7	R76	C-10
C41	C-9	C87	A-9	Q7	B-9	R32	G-7	R77	B-9
C42	C-9	C88	A-9	Q8	H-10	R33	G-7	R78	B-9
C43	D-10	C89	A-9	Q9	H-9	R34	F-7	R79	B-10
C44	D-10	C9	G-5	R1	F-4	R35	F-8	R8	F-10
C45	C-10	C90	B-10	R10	G-4	R36	F-8	R80	B-10
C46	D-10	C91	B-10	R100	B-2	R37	F-8	R81	B-1
C47	C-10	C92	E-9	R101	E-9	R38	F-8	R82	B-2
C48	C-10	C93	B-1	R102	G-8	R39	H-8	R83	A-3
C49	C-10	C95	A-2	R103	G-5	R4	F-10	R84	B-3
C5	F-2	CR1	F-4	R104	G-5	R40	H-9	R85	A-3
C50	C-10	CR10	E-10	R105	G-5	R41	F-9	R86	A-3

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	LOCATION	REF DES	LOCATION	REF DES	LOCATION	REF DES	LOCATION	REF DES	LOCATION	REF DES	LOCATION
A16	G-2	C51	B-9	CR11	C-10	R106	E-9	R42	F-9	R87	B-4
A17	C-2	C52	B-10	CR12	A-1	R107	F-3	R43	F-9	R88	B-5
A1P1	B-1	C53	B-9	CR13	A-3	R108	G-7	R44	G-9	R89	A-5
C1	F-1	C54	B-10	CR14	A-4	R109	G-7	R45	G-9	R9	F-4
C10	G-5	C55	B-1	CR15	A-5	R11	G-4	R46	G-9	R90	B-6
C11	G-6	C56	B-2	CR16	A-2	R110	G-9	R47	G-9	R91	A-6
C12	G-6	C57	A-1	CR17	F-6	R111	F-7	R48	G-10	R92	A-6
C13	H-6	C58	A-2	CR19	A-1	R112	F-4	R49	F-9	R93	A-8
C14	H-6	C59	B-2	CR2	F-4	R113	F-8	R5	G-4	R94	B-9
C15	F-8	C6	F-3	CR21	A-2	R114	G-6	R50	F-10	R95	B-9
C16	F-8	C60	B-3	CR4	G-5	R115	B-1	R51	G-10	R96	B-9
C17	G-8	C61	A-3	CR6	F-6	R119	C-1	R52	G-10	R97	A-9
C18	G-9	C62	A-2	CR7	F-6	R12	G-5	R53	G-10	R98	A-9
C19	G-9	C63	A-3	CR8	E-10	R120	C-1	R54	G-10	R99	A-10
C2	F-1	C64	A-3	CR9	E-10	R121	C-1	R55	F-10	TP12	B-5
C20	G-9	C65	A-3	FL1	B-7	R122	A-2	R56	F-10	U1	H-5
C21	H-9	C66	A-3	J1401	F-1	R123	C-1	R57	F-10	U10	F-9
C22	H-9	C67	A-3	L1	D-9	R13	G-4	R58	E-9	U2	G-5
C23	G-9	C68	A-4	L10	A-6	R14	G-5	R59	E-9	U3	F-5
C24	G-10	C69	B-4	L11	B-8	R15	G-5	R6	G-4	U4	G-6
C25	G-10	C7	G-4	L12	B-9	R16	G-4	R60	E-9	U5	G-7
C26	H-9	C70	B-4	L13	B-10	R17	G-5	R61	E-9	U6	G-8
C27	F-9	C71	A-4	L2	D-10	R18	G-5	R62	E-9	U7	H-8
C28	F-10	C72	B-5	L3	C-10	R19	G-6	R63	E-9	U8	G-8
C29	E-10	C73	A-5	L4	B-1	R2	F-3	R64	E-10	U9	F-10
C3	F-1	C74	B-5	L5	B-2	R20	G-6	R65	E-9	VR1	F-4
C30	E-10	C75	A-5	L6	A-3	R21	G-6	R66	E-10	VR3	A-3
C31	E-9	C76	A-6	L7	B-4	R22	G-5	R67	D-9	W1	A-6
C32	D-9	C77	B-6	L8	B-5	R23	F-5	R68	D-9	W3	G-8
C33	D-9	C79	A-6	L9	B-5	R24	F-5	R69	D-9	W4	G-8
C34	D-9	C8	G-5	Q1	D-10	R25	G-6	R7	F-4		
C35	E-10	C80	A-6	Q10	F-7	R26	G-7	R70	D-9		
C36	E-10	C81	A-8	Q11	C-1	R27	G-7	R71	D-9		
C37	E-10	C82	B-9	Q2	C-10	R28	F-6	R72	B-9		
C38	D-10	C83	A-9	Q3	B-10	R29	F-6	R73	C-10		
C39	D-10	C84	A-9	Q4	A-3	R3	F-10	R74	C-10		
C4	E-2	C85	A-9	Q5	A-5	R30	F-6	R75	C-10		
C40	C-9	C86	A-9	Q6	A-9	R31	F-7	R76	C-10		
C41	C-9	C87	A-9	Q7	B-9	R32	G-7	R77	B-9		
C42	C-9	C88	A-9	Q8	H-10	R33	G-7	R78	B-9		
C43	D-10	C89	A-9	Q9	H-9	R34	F-7	R79	B-10		
C44	D-10	C9	G-5	R1	F-4	R35	F-8	R8	F-10		
C45	C-10	C90	B-10	R10	G-4	R36	F-8	R80	B-10		
C46	D-10	C91	B-10	R100	B-2	R37	F-8	R81	B-1		
C47	C-10	C92	E-9	R101	E-9	R38	F-8	R82	B-2		
C48	C-10	C93	B-1	R102	G-8	R39	H-8	R83	A-3		
C49	C-10	C95	A-2	R103	G-5	R4	F-10	R84	B-3		
C5	F-2	CR1	F-4	R104	G-5	R40	H-9	R85	A-3		
C50	C-10	CR10	E-10	R105	G-5	R41	F-9	R86	A-3		

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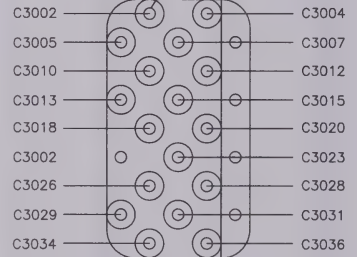
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 DES LOCATION

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R88	B-5
R89	A-5
R9	F-4
R90	B-6
R91	A-6
R92	A-6
R93	A-8
R94	B-9
R95	B-9
R96	B-9
R97	A-9
R98	A-9
R99	A-10
TP12	B-5
U1	H-5
U10	F-9
U2	G-5
U3	F-5
U4	G-6
U5	G-7
U6	G-8
U7	H-8
U8	G-8
U9	F-10
VR1	F-4
VR3	A-3
W1	A-6
W3	G-8
W4	G-8

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(TYPICAL
 16 PLCS)

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DETAIL "A"

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L-4304-02- (1)

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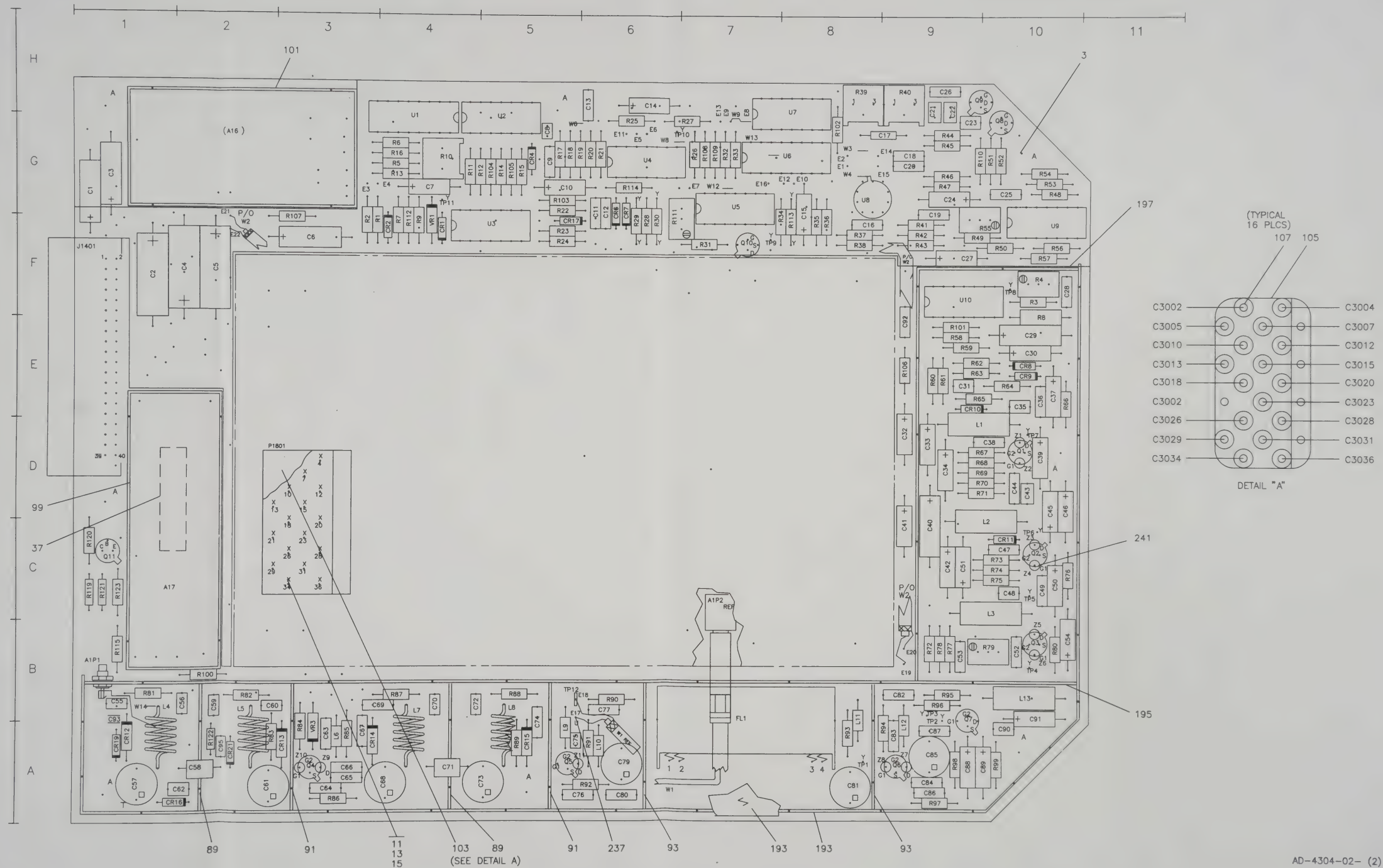
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B-1	676-7201-051		1	CIRCUIT CARD, RECEIVER A1 (SEE FIG 3A-5 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
R 3	608-6430-017		2	POST		8
				ATTACHING PARTS		
R -5	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		8
R -7	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		8
R -9	629-6561-013		2	SCREW		8
R 11	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		18
R 13	761-5321-028		2	WASHER		17
R 15	542-0814-003		2	TUBELET		17
R 17	M39003-01-2244		2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 A1C40 A1C6		2
R 19	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 A1C1 A1C3		2
R 21	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 A1C10 A1C15 A1C24 A1C27 A1C30 A1C32 A1C33 A1C34 A1C37 A1C39 A1C41 A1C42 A1C45 A1C46 A1C50 A1C51 A1C54 A1C7 A1C88 A1C89 A1C91		21
R 23	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 A1C29		1
R 25	M39003-01-2283		2	CAPACITOR, FIXED ELCTLT, 2.2UF, 10%, 20V (V81349) 184-9086-430 A1C14		1
R 27	M39003-01-2292		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 20V (V81349) 184-9086-520 A1C2 A1C5		2
R 29	M39003-01-2306		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 A1C4		1
R 31	MS75083-03		2	COIL, RF, 0.15UH (V96906) 240-2013-000 A1L9		1
R 33	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 A1L10 A1L11 A1L12 A1L6		4
R 35	MS90540-13		2	COIL, RF 3600UH (V96906) 240-2553-000 A1L1 A1L13 A1L2 A1L3		4
R 37	280-2745-010		2	LABEL, ESDS WARNING (V12998)		1
R 39	MC1596L		2	MICROCIRCUIT (ESDS) (V04713) 351-0043-030 A1U9		1
R 41	7357		2	FILTER, CRYSTAL, BP (V25120) 293-1313-020 A1FL1 A1U8		1
R 43	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 A1U10 A1U3 A1U4		3
R 45	CD4013BF		2	MICROCIRCUIT (ESDS) (V34371) 351-8160-030 A1U7		1
R 47	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 A1U1		1
R 49	CD4085BF		2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 A1U2		1
R 51	MC14572UBAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8314-020 A1U6		1
R 53	MC14093BCL		2	MICROCIRCUIT (ESDS) (V04713) 351-8332-020 A1U5		1
R 55	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 A1Q11		1
R 57	2N4220		2	TRANSISTOR (ESDS) (V27014) 352-0740-010 A1Q10		1

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



Receiver Circuit Card A1
Figure 3B (Sheet 2)

AD-4304-02- (2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B-1	676-7201-051		1	CIRCUIT CARD, RECEIVER A1 (SEE FIG 3A-5 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
R 3	608-6430-017		2	POST		8
R -5	340-0644-000		2	ATTACHING PARTS		8
R -7	MS35338-135		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		8
R -9	629-6561-013		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		8
R 11	NA1104-089		2	SCREW		8
R 13	761-5321-028		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		18
R 15	542-0814-003		2	WASHER		17
R 17	M39003-01-2244		2	TUBELET		17
R 19	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 A1C40 A1C6		2
R 21	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 A1C1 A1C3		21
R 23	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 A1C10 A1C15 A1C24 A1C27 A1C30 A1C32 A1C33 A1C34 A1C37 A1C39 A1C41 A1C42 A1C45 A1C46 A1C50 A1C51 A1C54 A1C7 A1C88 A1C89 A1C91		1
R 25	M39003-01-2283		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 A1C29		1
R 27	M39003-01-2292		2	CAPACITOR, FIXED ELCTLT, 2.2UF, 10%, 20V (V81349) 184-9086-430 A1C14		2
R 29	M39003-01-2306		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 20V (V81349) 184-9086-520 A1C2 A1C5		1
R 31	MS75083-03		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 A1C4		1
R 33	MS75084-04		2	COIL, RF, 0.15UH (V96906) 240-2013-000 A1L9		4
R 35	MS90540-13		2	COIL, RF, 2.20UH (V96906) 240-2027-000 A1L10 A1L11 A1L12 A1L6		4
R 37	280-2745-010		2	COIL, RF 3600UH (V96906) 240-2553-000 A1L1 A1L13 A1L2 A1L3		1
R 39	MC1596L		2	LABEL, ESDS WARNING (V12998)		1
R 41	7357		2	MICROCIRCUIT (ESDS) (V04713) 351-0043-030 A1U9		1
R 43	LM148J		2	FILTER, CRYSTAL, BP (V25120) 293-1313-020 A1FL1 A1U8		3
R 45	CD4013BF		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 A1U10 A1U3 A1U4		1
R 47	CD4049UBF		2	MICROCIRCUIT (ESDS) (V34371) 351-8160-030 A1U7		1
R 49	CD4085BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 A1U1		1
R 51	MC14572UBAL		2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 A1U2		1
R 53	MC14093BCL		2	MICROCIRCUIT (ESDS) (V04713) 351-8314-020 A1U6		1
R 55	2N2222A		2	MICROCIRCUIT (ESDS) (V04713) 351-8332-020 A1U5		1
R 57	2N4220		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 A1Q11		1
			2	TRANSISTOR (ESDS) (V27014) 352-0740-010 A1Q10		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B 59	ITS31274		2	TRANSISTOR (ESDS) (V32293) 352-0756-120 A1Q8 A1Q9		2
R 61	BFR84		2	TRANSISTOR (ESDS) (V25403) 843-3000-010 A1Q2 A1Q3 A1Q4 A1Q5 A1Q6 A1Q7		6
R 63	3N187		2	TRANSISTOR (ESDS) (V02735) 352-1093-010 A1Q1		1
R 65	1N4109		2	DIODE (V04713) 353-3591-110 A1VR3		1
R 66	1N4624		2	SEMICONV DEVICE (V04713) 353-3591-480 A1VR1		1
R 67	1N4454-1		2	DIODE (V12969) 353-3644-010 A1CR1 A1CR10 A1CR11 A1CR17 A1CR2 A1CR4 A1CR6 A1CR7 A1CR8 A1CR9		10
R 69	M39012-71-0003		2	CONNECTOR, RCPT, ELEC (V81349) 357-9917-010 A1P1		1
R 71	87476-6		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-160 A1J1401		1
R 73	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045		17
R 75	RJ24CW201		2	RESISTOR,VARIABLE NONWIRE-WOUND, 200 OHMS, 10%, 1/2W (V32997) 380-1080-220 A1R4		1
R 77	RJ24CW502		2	RESISTOR,VARIABLE NONWIRE-WOUND, 5K, 10%, 1/2W (V32997) 380-1080-260		2
R 79	RJ24CW103		2	RESISTOR,VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-270 A1R111		1
R 81	3386P1-502		2	RESISTOR,VAR 5000 OHMS, 10% (V80294) 382-0051-070 A1R39		1
R 83	3386P1-103		2	RESISTOR,VAR 10K , 10% (V80294) 382-0051-080 A1R10 A1R40		2
R 85	601-4317-001		2	CIRCUIT CARD, VOR/LOC SELF-TEST OSC A17 (SEE FIG 19)		1
R 87	629-6948-001		2	COVER,TUNER		1
R 89	629-6963-001		2	SHIELD,RF		2
R 91	629-6963-002		2	SHIELD,RF		2
R 93	629-6964-001		2	SHIELD,RF		2
R 95	634-7161-001		2	RESISTOR, TEST SELECT A1R113 (SEE FIG 3-80 FOR SELECTION)		1
R 97	635-5579-003		2	CABLE,RF A1W1 (SEE FIG 3-231 FOR BREAKDOWN)		1
R 99	635-5583-001		2	SHIELD		1
R 101	635-5583-002		2	SHIELD		1
R 103	635-5706-001		2	PLATE,MTG-CAP		1
R 105	635-5706-003		3	PLATE		1
R 107	913-3018-010		3	CAPACITOR,FXD CER DIEL, 1000PF, 100V 913-3018-010 is REF No. for V59660 2461-000X7V0-102AA A1C3002 A1C3004 A1C3005 A1C3007 A1C3010 A1C3012 A1C3013 A1C3015 A1C3018 A1C3020 A1C3023 A1C3026 A1C3028 A1C3029 A1C3031 A1C3034 A1C3036		17
R 109	635-5708-001		2	COIL,RF (VD0212) A1L7 A1L8		2
R 111	635-5708-002		2	COIL,RF (VD0212) A1L4		1
R 113	635-5708-003		2	COIL, RF (VD0212) A1L5		1
R 115	641-9698-001		2	TEST SELECT, RESISTOR A1R29 (SEE FIG 3-90 FOR SELECTION)		1
R 117	642-6198-001		2	TEST SELECT, RESISTOR A1R30 (SEE FIG 3-84D FOR SELECTION)		1
R 119	647-6472-001		2	TERMINAL A1W3 A1W4		2
R 121	RN55D6491F		2	RESISTOR,FIXED FILM, 6.49K, 1%, 1/8W (V81349) 705-1035-000 A1R61		1
R 123	RN55D7501F		2	RESISTOR,FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 A1R44 A1R45 A1R46 A1R47 A1R56		5
R 125	RN55D8661F		2	RESISTOR,FIXED FILM, 8.66K, 1%, 1/8W (V81349) 705-1041-000 A1R51 A1R52		2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B 127	RN55D1052F		2	RESISTOR, FIXED FILM, 10.5K, 1%, 1/8W (V81349) 705-1045-000 A1R48		1
R 129	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 A1R1 A1R2		2
R 131	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 A1R63		1
R 133	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 A1R114		1
R 135	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 A1R21 A1R27 A1R42 A1R43		4
R 137	RN55D7320F		2	RESISTOR, FIXED FILM, 732 OHMS, 1%, 1/8W (V81349) 705-3600-900 A1R101		1
R 139	RN55D1241F		2	RESISTOR, FIXED FILM, 1.24K, 1%, 1/8W (V81349) 705-3605-040 A1R3		1
R 141	RN55D2212F		2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 A1R57 A1R65		2
R 143	RN55D3242F		2	RESISTOR, FIXED FILM, 32.4K, 1%, 1/8W (V81349) 705-3605-720 A1R32 A1R33		2
R 145	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 A1R26 A1R28 A1R62		3
R 147	DS125-471J		2	RESISTOR, THRM 470 OHMS, 5%, 1/8W (V15454) 714-1135-420 A1R8		1
R 149	828-6048-220		2	RESISTOR, FIXED, FILM, 47.5 OHMS, 1%, 1/4W A1R69 A1R71 A1R75 A1R78 A1R90 A1R95		6
R 151	828-6048-440		2	RESISTOR, FIXED, FILM, 274 OHMS, 1%, 1/4W A1R106		1
R 153	828-6048-550		2	RESISTOR, FIXED, FILM, 681 OHMS, 1%, 1/4W A1R115 A1R123		2
R 155	828-6048-590		2	RESISTOR, FIXED, FILM, 1K, 1%, 1/4W A1R103 A1R120 A1R25 A1R54 A1R60		5
R 157	828-6048-730		2	RESISTOR, FIXED, FILM, 2.74K, 1%, 1/4W A1R92		1
R 159	828-6048-750		2	RESISTOR, FIXED, FILM, 3.32K, 1%, 1/4W A1R100 A1R58		2
R 161	828-6048-770		2	RESISTOR, FIXED, FILM, 3.92K, 1%, 1/4W A1R64 A1R70 A1R74		3
R 163	828-6048-800		2	RESISTOR, FIXED, FILM, 4.75K, 1%, 1/4W A1R66 A1R76 A1R80 A1R86 A1R93 A1R97 A1R98 A1R99		8
R 165	828-6048-820		2	RESISTOR, FIXED, FILM, 5.62K, 1%, 1/4W A1R83 A1R85 A1R89 A1R91		4
R 167	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W A1R105 A1R107 A1R12 A1R18 A1R19 A1R35 A1R36 A1R37 A1R38 A1R50 A1R53 A1R59 A1R72 A1R73 A1R77 A1R9 A1R96		17
R 169	828-6050-030		2	RESISTOR, FIXED, FILM, 12.1K, 1%, 1/4W A1R104		1
R 171	828-6050-050		2	RESISTOR, FIXED, FILM, 15K, 1%, 1/4W A1R20 A1R31		2
R 173	828-6050-110		2	RESISTOR, FIXED, FILM, 22.1K, 1%, 1/4W A1R49 A1R6		2
R 175	828-6050-150		2	RESISTOR, FIXED, FILM, 27.4K, 1%, 1/4W A1R15 A1R67		2
R 177	828-6050-220		2	RESISTOR, FIXED, FILM, 47.5K, 1%, 1/4W A1R102 A1R112 A1R13 A1R14 A1R16 A1R23 A1R24		7
R 179	828-6050-300		2	RESISTOR, FIXED, FILM, 100K, 1%, 1/4W A1R108 A1R109 A1R11 A1R22 A1R34 A1R41 A1R5 A1R68 A1R81 A1R82 A1R84 A1R87 A1R88 A1R94		14
R 181	828-6050-380		2	RESISTOR, FIXED, FILM, 182K, 1%, 1/4W A1R7		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B 183	828-6050-400		2	RESISTOR, FIXED, FILM, 221K, 1%, 1/4W A1R110		1
R 185	828-6050-460		2	RESISTOR, FIXED, FILM, 332K, 1%, 1/4W A1R17		1
R 187	RLR05C47R5FS		2	RESISTOR, FIXED FILM, 47.5 OHMS, 1%, .125W (V91637) 833-6051-300 A1R119		1
R 189	RLR05C2211FS		2	RESISTOR, FIXED FILM, 2.21K, 1%, .125W (V91637) 833-6051-770 A1R121		1
R 191	RLR05C10R0FS		2	RESISTOR, FIXED FILM, 10.0 OHMS, 1%, .125W (V91637) 833-6051-090 A1R122		1
R 193	827-1075-001		2	SHIELD		1
R 195	827-1076-001		2	SHIELD, RF		1
R 197	827-1077-001		2	SHIELD, RF		1
R 199	MA101A821JAA		2	CAPACITOR, FIXED, CER, 820PF, 5%, 100V (V04222) 834-5076-010 A1C17		1
R 201	913-1098-010		2	CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V A1C75		1
R 203	913-1098-570		2	CAPACITOR, FIXED CER DIE, 27PF, 10%, 100VDC 913-1098-570 is REF No. for V72982 RPE110C0G270K100V A1C8		1
R 205	913-2609-440		2	CAPACITOR, FIXED CER DIE, 240PF, 1%, 100VDC 913-2609-440 is REF No. for V18796 RPE110-111C0G241F100V A1C23 A1C31 A1C35 A1C43 A1C48 A1C62 A1C90		7
R 207	QC82PF5PCT		2	CAPACITOR, FXD CER DIE, 0.82PF, 5%, 500V (V95121) 913-2975-000 A1C71		1
R 209	QC2-4PF5PCT		2	CAPACITOR, FXD CER DIE, 2.4PF, 5%, 500V (V95121) 913-2986-000 A1C58		1
R 211	913-3281-280		2	CAPACITOR, FIXED CER DIE, 100PF, 5%, 100V 913-3281-280 is REF No. for V72982 RPE121C0G101J100V A1C21 A1C22		2
R 213	923CX7R102K100B		2	CAPACITOR, FIXED CER DIE, 1000PF, 10%, 100VDC (V56289) 913-3325-310 A1C11 A1C20 A1C64 A1C67 A1C69 A1C74 A1C87 A1C92		8
R 215	923CX7R152K100B		2	CAPACITOR, FIXED CER DIE, 1500PF, 10%, 100VDC (V56289) 913-3325-330 A1C25 A1C9		2
R 217	923CX7R472K100B		2	CAPACITOR, FIXED, CER DIE, 4700PF, 10%, 100VDC (V56289) 913-3325-390 A1C18		1
R 219	923CX7R103K100B		2	CAPACITOR, FIXED, CER DIE, 0.010UF, 10%, 100V (V56289) 913-3325-420 A1C65 A1C66 A1C76 A1C77 A1C80 A1C82 A1C83 A1C84 A1C86		9
R 221	923CX7R104K050B		2	CAPACITOR, FIXED, CER DIE, 0.1UF, 10%, 50VDC (V56289) 913-3325-470 A1C12 A1C13 A1C16 A1C19 A1C26 A1C28 A1C36 A1C38 A1C44 A1C47 A1C49 A1C52 A1C53 A1C63		14
R 223	08055C102KAT050		2	CAPACITOR, FIXED CER, 1,000PF, 10%, 50V (V96095) 913-3670-120 A1C93		1
R 225	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 A1C56 A1C59 A1C70 A1C72		4
R 227	538-080A2-8		2	CAPACITOR, VAR CER DIE, 2 TO 8PF, 350V (V59660) 917-1218-000 A1C57 A1C61 A1C68 A1C73		4
R 229	538-080D9-35		2	CAPACITOR, VAR CER DIE, 9 TO 35PF, 200V (V59660) 917-1225-000 A1C79 A1C81 A1C85		3
R 231	1N5141A		2	DIODE (V96341) 922-6095-060 A1CR12 A1CR13 A1CR14 A1CR15		4
R 233	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 A1CR16 A1CR19 A1CR21		3

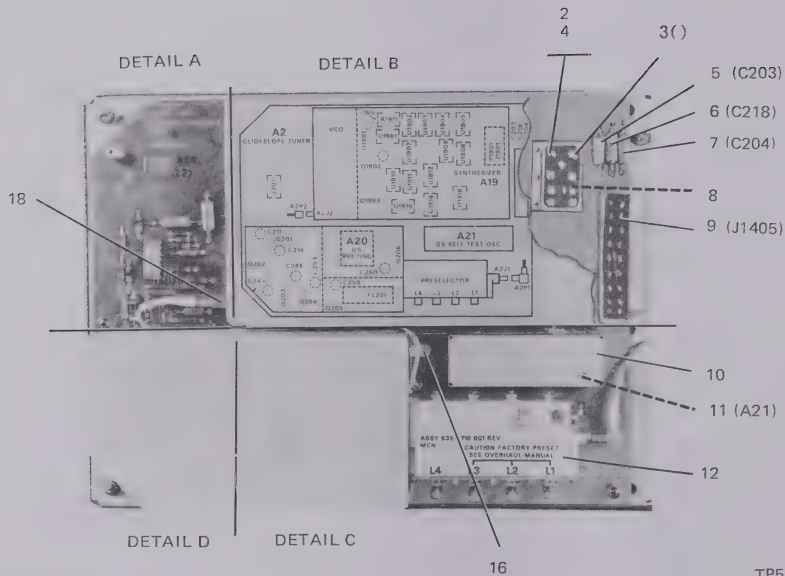
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 3B 235	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 A1C55 A1C60 A1C95		3
R 237	NA1104-010		2	CONTACT, ELECTRICAL (V57863) 372-2601-010		1
R 239	628-8864-001		2	TERMINAL, TEST POINT A1TP12		1
R 241	21-030F		2	BEAD, SHIELDING (V33062) 288-0815-010 A1Z1 THRU Z11		11

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

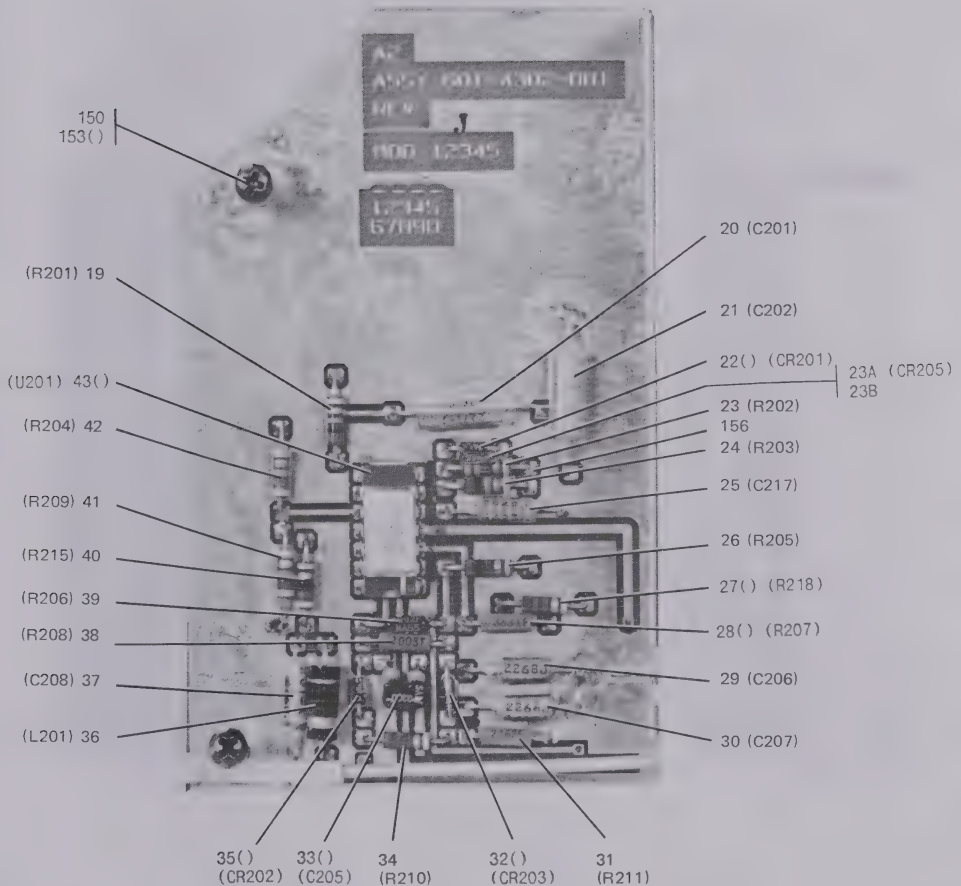


TP5-5147-057

Glideslope Receiver Assembly A2
Figure 4 (Sheet 1 of 5)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



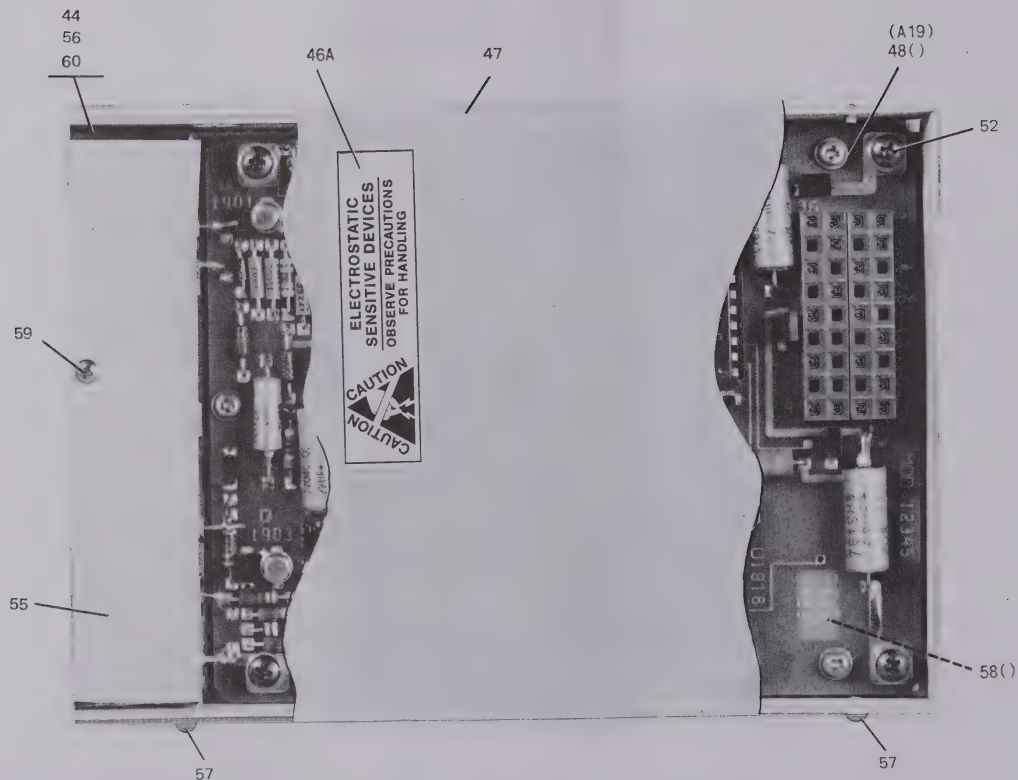
DETAIL A

TP5-5147-057

Glideslope Receiver Assembly A2
Figure 4 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

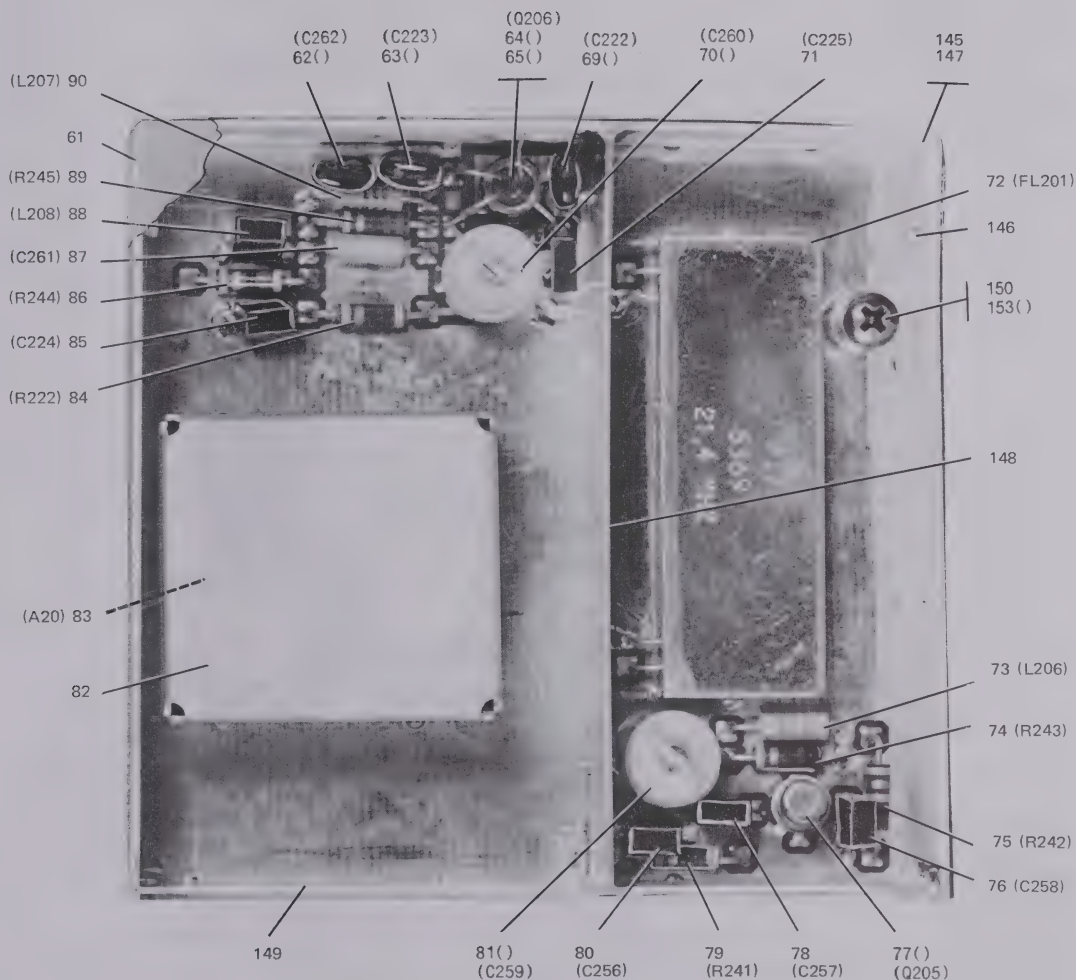


DETAIL B

TP5-5147-057

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



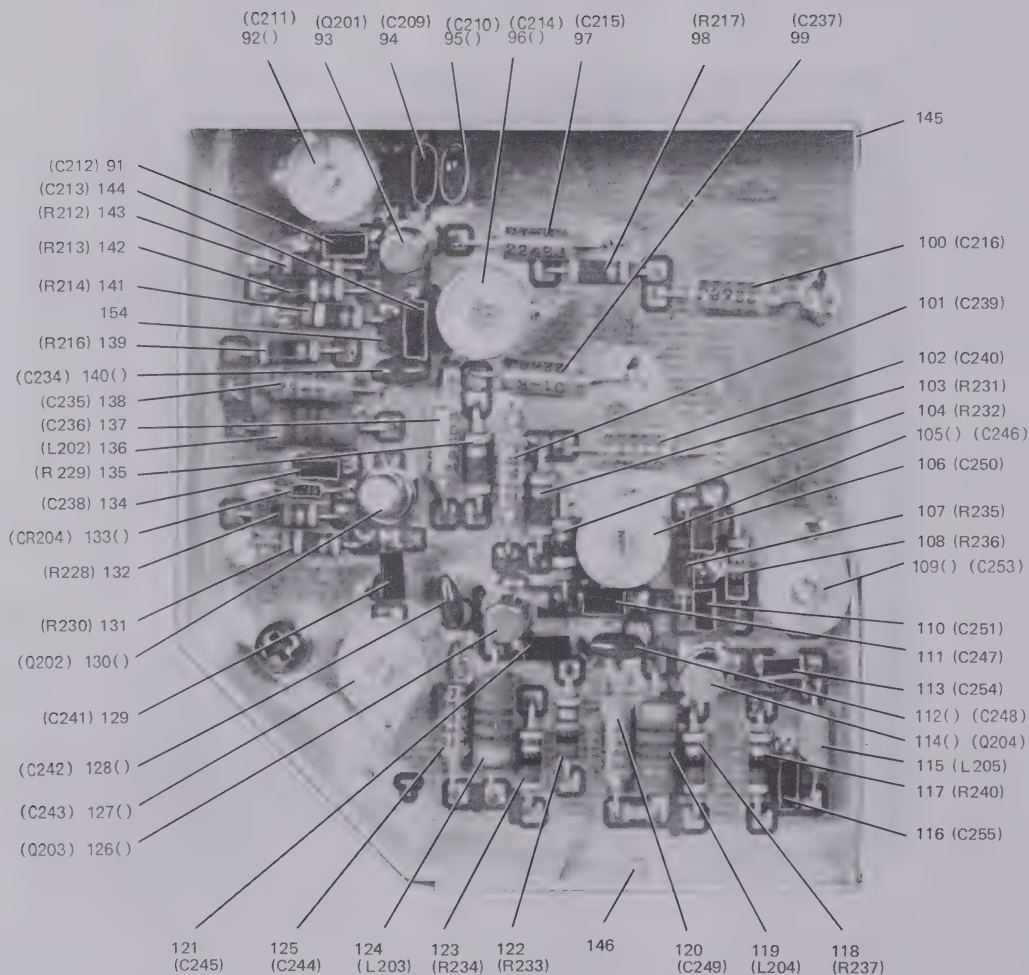
DETAIL C

TP5-5147-057

Glideslope Receiver Assembly A2
 Figure 4 (Sheet 4)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL D

TP5-5147-057

Glideslope Receiver Assembly A2
Figure 4 (Sheet 5)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 4-1	601-4302-001		1	RECEIVER, GLIDESLOPE A2 (SEE FIG 1-7 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
	2	635-5706-002	2	MOUNTING, CAPACITOR		1
-2A	761-5321-028		2	WASHER (AP) (ADDED BY REVISION)		14
R 3	913-3018-010		3	CAPACITOR,FXD CER DIEL, 1000PF, 100V (V72982) (SUPSD BY ITEM 3A)		14
R 3A	FH18K102XK		3	CAPACITOR,FXD CER DIEL, 1000PF, 100V (V21052) 913-3018-010 (SUPSDS ITEM 3)		14
	4	635-5706-003	3	PLATE		1
	5	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C203		1
	6	M39003-01-2257	2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C218		1
	7	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C204		1
	8	NA1104-087	2	CONTACT, ELECTRICAL (V57863) 372-2601-087		15
R 9	87478-7		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-480 J1405		1
	10	635-5583-001	2	SHIELD		1
R 11	601-4521-001		2	CIRCUIT CARD, GLIDESLOPE SELF-TEST OSC A21 (SEE FIG 23 FOR DET BKDN)		1
R 12	635-5710-001		2	GLIDESLOPE PRESELECTOR ASSY (NON-REPAIRABLE ITEM)		1
-13	MS51957-14		2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		2
-14	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		2
-15	310-6340-000		2	WASHER, FLAT SST, 0.125 ID X 0.281 OD (V79807) (AP) (SUPSD BY ITEM 15A)		2
-15A	310-6340-000		2	WASHER, FLAT SST, 0.125 ID X 0.281 OD 310-6340-000 is REF No. for V79807 CRES0-125IDX0-2810D (AP) (SUPSDS ITEM 15)		2
	16	768-7354-001	2	CLAMP		1
-17	MS51957-4		2	SCREW, MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000 (AP)		1
	18	635-5579-004	2	CABLE, RF		1
	19	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R201		1
	20	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C201		1
	21	M39003-01-2244	2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C202		1
R 22	1N4454		2	DIODE (V12969) 353-3644-010 CR201 (SUPSD BY ITEM 22A)		1
	22A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR201 (SUPSDS ITEM 22)		1
	23	RCR07G332KS	2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R202		1
R 23A	1N4454		2	DIODE (V12969) 353-3644-010 CR205 EFF REV E (SUPSD BY 23B)		1
	23B	1N4454-1	2	DIODE (V12969) 353-3644-010 CR205 (SUPSDS ITEM 23A)		1
	24	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R203		1
	25	M39003-01-2268	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C217		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4 26	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R205		1
27	RCR07G271KS		2	RESISTOR, FIXED CMPSN, 270 OHMS, 10%, 1/4W (V81349) 745-0728-000 R218 (SUPSD BY ITEM 27A)		1
27A	RN55D2740F		2	RESISTOR, FIXED FILM, 274 OHMS, 1%, 1/8W (V81349) 705-0969-000 R218 (SUPSDS ITEM 27)		1
28	RN55D3831F		2	RESISTOR, FIXED FILM, 3.83K, 1%, 1/8W (V81349) 705-1024-000 R207 (EFF TO REV LTR M)		1
28A	RN55D3481F		2	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 R207 (EFF REV M)		1
29	M39003-01-2268		2	CAPACITOR, FIXED ELCLTL, 3.3UF, 10%, 15V (V81349) 184-9086-280 C206		1
30	M39003-01-2268		2	CAPACITOR, FIXED ELCLTL, 3.3UF, 10%, 15V (V81349) 184-9086-280 C207		1
31	RN55D2262F		2	RESISTOR, FIXED FILM, 22.6K, 1%, 1/8W (V81349) 705-1061-000 R211		1
R 32	1N4454		2	DIODE (V12969) 353-3644-010 CR203 (EFF TO REV M)		1
32A	1N5711		2	DIODE (ESDS) (V28480) 353-3691-010 CR203 (EFF REV M)		1
33	CD5FY221J0		2	CAPACITOR, FXD MICA DIEL, 220PF, 5%, 50V (V93790) 912-4141-450 C205 (SUPSD BY ITEM 33A)		1
R 33A	DR20CB221J		2	CAPACITOR, FIXED CER DIEL, 220PF, 5%, 100VDC (V93958) 913-3117-060 C205 (SUPSDS ITEM 33)		1
34	RCR07G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/4W (V81349) 745-0764-000 R210		1
R 35	1N4454		2	DIODE (V12969) 353-3644-010 CR202 (EFF TO REV M)		1
35A	1N5711		2	DIODE (ESDS) (V28480) 353-3691-010 CR202 (EFF REV M)		1
36	MS75089-13		2	COIL, RF 150UH (V96906) 240-2715-390 L201		1
37	M39003-01-2268		2	CAPACITOR, FIXED ELCLTL, 3.3UF, 10%, 15V (V81349) 184-9086-280 C208		1
38	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R208		1
39	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R206		1
40	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R215		1
41	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R209		1
42	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R204		1
43	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U201 (SUPSD BY ITEM 43A)		1
43A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U201 (SUPSDS ITEM 43)		1
R 44	635-5702-001		2	SYNTHESIZER, FREQ-GLIDESLOPE		1
-45	MS51957-3		2	SCREW, MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000 (AP)		2
R -46	310-6320-000		2	WASHER, FLAT SST, 0.092 X 0.219 OD (V79807) (AP)		2
46A	280-2745-010		3	LABEL, ESDS WARNING (V12998) (ADDED BY REVISION)		1
R 47	635-5587-002		3	COVER		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 4 48	601-4319-001		3	CIRCUIT CARD, GLIDESLOPE SYNTHESIZER A19 (SEE FIG 21 FOR DET BKDN) (SUPSD BY ITEM 48A)		1
R 48A	642-4219-001		3	CIRCUIT CARD, GLIDESLOPE SYNTHESIZER A19 (SEE FIG 21 FOR DET BKDN) (SUPSDS ITEM 48)		1
-49	MS51957-4		3	SCREW,MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000 (AP)		3
R -50	310-6320-000		3	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807) (AP)		3
R -51	MS35338-134		3	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 (AP)		3
52	629-6561-012		3	SCREW		4
R -53	340-0694-000		3	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 53A)		4
R -53A	340-0644-000		3	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 53)		4
-54	MS35338-135		3	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R 55	635-5577-001		3	OSCILLATOR, VOLTAGE CONT.ROLLED-GLIDESLOPE (NON-REPAIRABLE ITEM)		1
56	635-5586-001		3	SHIELD		1
R 57	MS20470AD2-2		4	RIVET,SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010		4
58	R22NCFMA1-26		4	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V72962) 333-0837-000 (SUPSD BY ITEM 58A)		2
58A	M45938-5-1		4	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V81349) 333-0837-000 (SUPSDS ITEM 58)		2
59	635-5566-002		4	POST		3
60	635-5586-002		4	SHIELD		1
61	629-6955-001		2	COVER,TUNER		1
62	DM5C020D300WV		2	CAPACITOR,FXD MICA DIEL, 2PF, PORM 0.5PF, 300V (V72136) 912-4141-540 C262 (SUPSD BY ITEM 62A)		1
R 62A	913-1098-260		2	CAPACITOR, FIXED, CER, 1.8PF, PORM 0.25PF, 100V 913-1098-260 is REF No. for V51642 RPE110C0G1R8C100V C262 (SUPSDS ITEM 62)		1
63	CD5CC040D0		2	CAPACITOR,FXD MICA DIEL, 4PF, PORM 0.5PF, 300V (V93790) 912-4141-080 C223 (SUPSD BY ITEM 63A)		1
R 63A	913-1098-220		2	CAPACITOR, FIXED, CER, 3.9PF, PORM 0.25PF, 100V 913-1098-220 is REF No. for V51642 RPE110C0G3R9C100V C223 (SUPSDS ITEM 63)		1
64	3N141		2	TRANSISTOR (ESDS) (V54590) 352-0867-020 Q206 (SUPSD BY ITEM 64A)		1
64A	618-4921-237		2	TRANSISTOR, MOD Q206 (SUPSDS ITEM 64)		1
65	TXB2-019-028B		2	HEATSINK (V98978) 352-9984-010 (EFF TO REV LTR N)		1
65A	TXB2-019-028CR		2	HEATSINK (V98978) 352-9984-040 (EFF REV N)		1
-66	MS51957-2		2	SCREW,MACHINE SST, 2-56 X 3/16 (V96906) 343-0123-000 (AP)		1
R -67	310-6320-000		2	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807) (AP)		1
R -68	MS35338-134		2	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 (AP)		1
69	CD5FY221J0		2	CAPACITOR,FXD MICA DIEL, 220PF, 5%, 50V (V93790) 912-4141-450 C222 (SUPSD BY ITEM 69A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4 69A	CCR75CG180JR		2	CAPACITOR, FIXED CER DIEL, 18PF, 5%, 200VDC (V81349) 913-3317-060 C222 (SUPSDS ITEM 69)		1
R 70	538011E2P094R		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C260 (SUPSD BY ITEM 70A)		1
R 70A	538-080D9-35		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C260 (SUPSDS ITEM 70)		1
R 71	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C225		1
R 72	5369		2	FILTER, CRYSTAL, BP (V25120) 293-1313-010 FL201		1
73	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 L206		1
74	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R243		1
75	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R242		1
R 76	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C256		1
77	3N140		2	TRANSISTOR (ESDS) (V54590) 352-0867-010 Q205 (EFF TO REV LTR U)		1
77A	68380		2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q205 (EFF REV U)		1
R 78	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C257		1
79	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R241		1
R 80	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C256		1
R 81	538011E2P094R		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C259 (SUPSD BY ITEM 81A)		1
R 81A	538-080D9-35		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C259 (SUPSDS ITEM 81)		1
82	635-5583-003		2	COVER		1
R 83	601-4520-001		2	CIRCUIT CARD, GLIDESLOPE 2ND INJ A20 (SEE FIG 22 FOR DET BKDN)		1
84	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R222		1
R 85	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C224		1
86	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R244		1
R 87	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C261		1
88	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 L208		1
89	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R245		1
R 90	BP3132-3		2	COIL, RADIO FREQUENCY 33NH (V99800) 240-0957-030 L207		1
91	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C212		1
R 92	538011E2P094R		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C211 (SUPSD BY ITEM 92A)		1
R 92A	538-080D9-35		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C211 (SUPSDS ITEM 92)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4 93	3N187		2	TRANSISTOR (ESDS) (V02735) 352-1093-010 Q201		1
R 94	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C209		1
95	CD5EY560J0		2	CAPACITOR, FWD MICA DIELECTRIC, 56PF, 5%, 50V (V93790) 912-4141-310 C210 (SUPSD BY ITEM 95A)		1
R 95A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIELECTRIC, 56PF, 5%, 200VDC (V04222) 913-3319-440 C210 (SUPSDS ITEM 95)		1
R 96	538011E2P094R		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V72982) 917-1225-000 C214 (SUPSD BY ITEM 96A)		1
R 96A	538-080D9-35		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V59660) 917-1225-000 C214 (SUPSDS ITEM 96)		1
97	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C215		1
98	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R217		1
99	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C237		1
100	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C216		1
101	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C239		1
102	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C240		1
103	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R231		1
104	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R232		1
R 105	538011E2P094R		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V72982) 917-1225-000 C246 (SUPSD BY ITEM 105A)		1
R 105A	538-080D9-35		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V59660) 917-1225-000 C246 (SUPSDS ITEM 105)		1
R 106	CK05BX103K		2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C250		1
107	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R235		1
108	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R236		1
R 109	538011E2P094R		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V72982) 917-1225-000 C253 (SUPSD BY ITEM 109A)		1
R 109A	538-080D9-35		2	CAPACITOR, VAR CER DIELECTRIC, 9 TO 35PF, 200V (V59660) 917-1225-000 C253 (SUPSDS ITEM 109)		1
110	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C251		1
R 111	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C247		1
112	CD5EY560J0		2	CAPACITOR, FWD MICA DIELECTRIC, 56PF, 5%, 50V (V93790) 912-4141-310 C248 (SUPSD BY ITEM 112A)		1
R 112A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIELECTRIC, 56PF, 5%, 200VDC (V04222) 913-3319-440 C248 (SUPSDS ITEM 112)		1
R 113	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C254		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E X	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4 114	3N141			2 TRANSISTOR (ESDS) (V54590) 352-0867-020 Q204 (SUPSD BY ITEM 114A)		1
114A	68784			2 TRANSISTOR (V54590) 352-0867-060 Q204 (SUPSDS ITEM 114)		1
115	MS75084-04			2 COIL, RF, 2.20UH (V96906) 240-2027-000 L205		1
R 116	CK05BX103K			2 CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C255		1
117	RCR07G470KS			2 RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R240		1
118	RCR07G470KS			2 RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R237		1
119	MS90538-16			2 COIL, RADIO FREQUENCY 150UH (V96906) 240-2520-000 L204		1
120	M39003-01-2268			2 CAPACITOR, FIXED ELECT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C249		1
121	CK05BX104K			2 CAPACITOR, FIXED CER DIELECT, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C245		1
122	RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R233		1
123	RCR07G470KS			2 RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R234		1
124	MS90538-16			2 COIL, RADIO FREQUENCY 150UH (V96906) 240-2520-000 L203		1
125	M39003-01-2268			2 CAPACITOR, FIXED ELECT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C244		1
126	3N140			2 TRANSISTOR (ESDS) (V54590) 352-0867-010 Q203 (EFF TO REV LTR U)		1
126A	68380			2 TRANSISTOR (ESDS) (V54590) 352-0867-050 Q203 (EFF REV U)		1
R 127	538011E2P094R			2 CAPACITOR, VAR CER DIELECT, 9 TO 35PF, 200V (V72982) 917-1225-000 C243 (SUPSD BY ITEM 127A)		1
R 127A	538-080D9-35			2 CAPACITOR, VAR CER DIELECT, 9 TO 35PF, 200V (V59660) 917-1225-000 C243 (SUPSDS ITEM 127)		1
128	CD5EY560J0			2 CAPACITOR, FLD MICA DIELECT, 56PF, 5%, 50V (V93790) 912-4141-310 C242 (SUPSD BY ITEM 128A)		1
R 128A	CCR05CG560JM			2 CAPACITOR, FIXED CER DIELECT, 56PF, 5%, 200VDC (V04222) 913-3319-440 C242 (SUPSDS ITEM 128)		1
R 129	CK05BX102K			2 CAPACITOR, FIXED CER DIELECT, 1000PF, 10%, 200V (V81349) 913-4018-000 C241		1
130	3N140			2 TRANSISTOR (ESDS) (V54590) 352-0867-010 Q202 (EFF TO REV LTR U)		1
130A	68380			2 TRANSISTOR (ESDS) (V54590) 352-0867-050 Q202 (EFF REV U)		1
131	RCR07G392KS			2 RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R230		1
132	RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R228		1
R 133	1N4454			2 DIODE (V12969) 353-3644-010 CR204 (SUPSD BY ITEM 133A)		1
133A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR204 (SUPSDS ITEM 133)		1
134	CK05BX104K			2 CAPACITOR, FIXED CER DIELECT, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C238		1
135	RCR07G472KS			2 RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R229		1
136	MS90538-16			2 COIL, RADIO FREQUENCY 150UH (V96906) 240-2520-000 L202		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

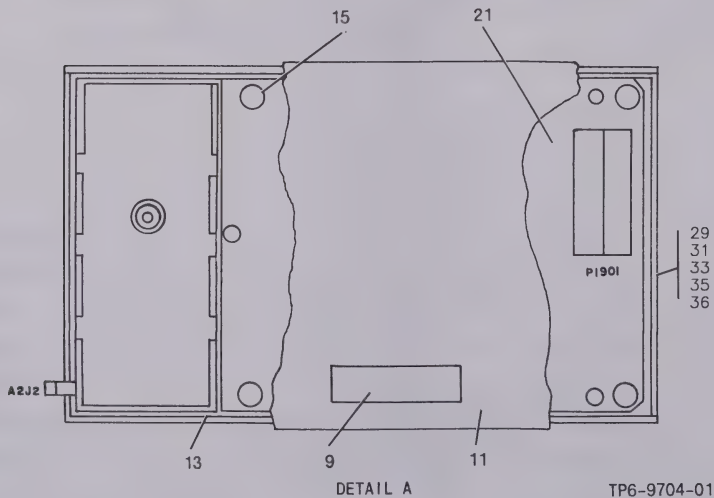
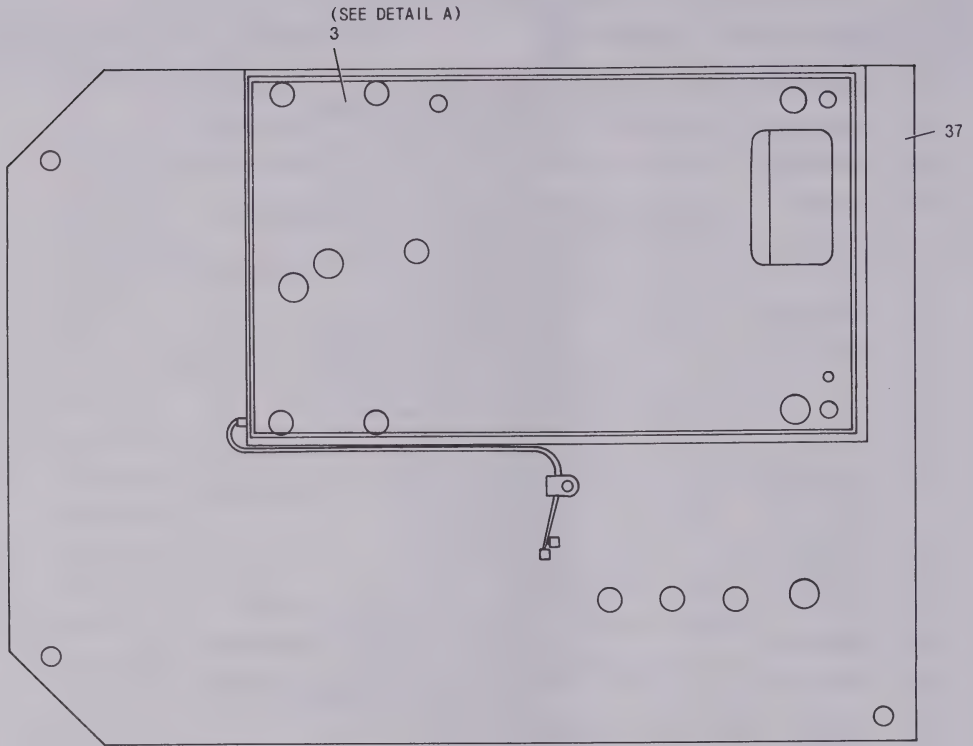
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4 137	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C236		1
138	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C235		1
139	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R216		1
140	CD5EY560J0		2	CAPACITOR, FXD MICA DIEL, 56PF, 5%, 50V (V93790) 912-4141-310 C234 (SUPSD BY ITEM 140A)		1
R 140A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C234 (SUPSDS ITEM 140)		1
141	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R214		1
142	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R213		1
143	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R212		1
R 144	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C213		1
145	629-6755-001		2	SHIELD, RF		1
R 146	MS20470AD2-2		3	RIVET, SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010		4
147	629-6755-002		3	SHIELD		1
148	635-5584-001		2	SHIELD, RF		1
149	635-5585-001		2	SHIELD, RF		1
150	629-6561-013		2	SCREW		5
-151	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		5
R -152	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 152A)		5
R -152A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 152)		5
153	608-6430-003		2	POST (EFF TO REV LTR P)		5
153A	608-6430-017		2	POST (EFF REV P)		5
154	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045		6
155	280-2745-010		2	LABEL, ESDS WARNING (V12998)		1
156	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 (EFF REV Y)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



Glideslope Receiver Assembly A2
 Figure 4A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4A-1	642-4202-001		1	GLIDESLOPE RECEIVER ASSEMBLY A2 (SEE FIG 1-7A FOR NHA)		RF
R 3	635-5702-001		2	SYNTHESIZER, FREQ-GLIDESLOPE ATTACHING PARTS		1
-5	MS51957-3		2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
R -7	310-6320-000		2	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807)		2
9	280-2745-010		3	LABEL, ESDS WARNING (V12998)		1
R 11	635-5587-002		3	COVER		1
R 13	635-5577-001		3	OSCILLATOR, VOLTAGE CONT ROLLED-GLIDESLOPE (NON-REPAIRABLE)		1
15	629-6561-012		3	SCREW ATTACHING PARTS		4
R -17	340-0644-000		3	SLEEVE, SPRING 340-0644-000 Is REF No. for V91314 BRYLMC0P0-135DX0-125L		4
-19	MS35338-135		3	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		4
R 21	642-4219-001		3	CIRCUIT CARD, GLIDESLOPE SYNTHESIZER A19 (SEE FIG 21 FOR DET BKDN) ATTACHING PARTS		1
-23	MS51957-4		3	SCREW,MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000		3
R -25	MS35338-134		3	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000		3
R -27	310-6320-000		3	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807)		3
29	635-5586-001		3	SHIELD		1
R 31	MS20470AD2-2		4	RIVET,SOLID AL, 0.062 DIA X 0.125 (V98996) 305-2083-010		4
33	M45938-5-1		4	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V81349) 333-0837-000		2
35	635-5566-002		4	POST		3
R 36	635-5586-002		2	SHIELD (ADDED)		1
37	642-4202-051		2	CIRCUIT CARD ASSY, GLIDESLOPE RECEIVER (SEE FIG 4B FOR DET BKDN)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

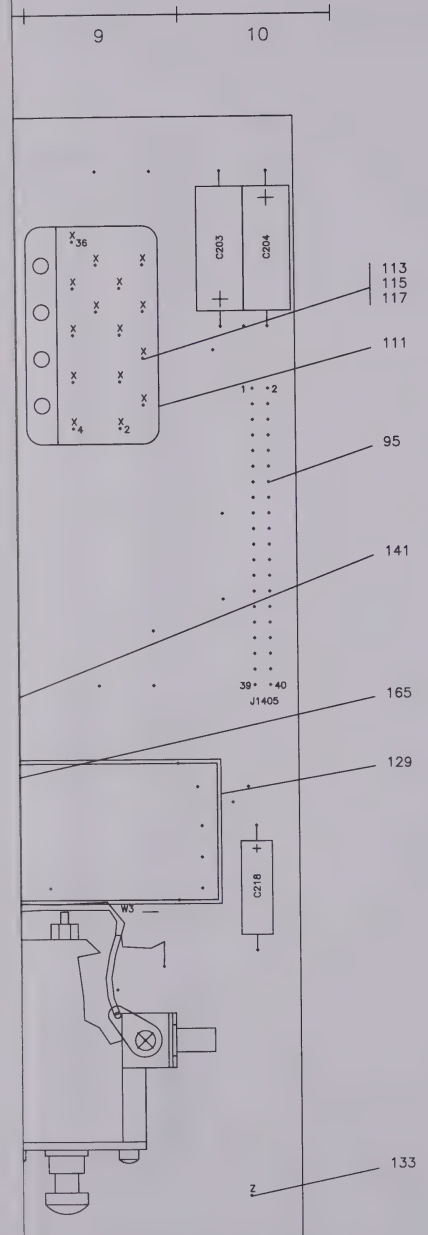
<u>REF</u> <u>DES</u>	<u>LOCATION</u>	<u>REF</u> <u>DES</u>	<u>LOCATION</u>	<u>REF</u> <u>DES</u>	<u>LOCATION</u>
A20	C-4	C260	A-6	R230	B-1
A21	C-8	C261	C-6	R231	B-2
C201	F-3	C262	C-6	R232	B-2
C202	E-3	C270	H-6	R233	A-2
C203	F-10	C293	H-7	R234	A-2
C204	G-10	CR201	F-3	R235	B-3
C205	D-2	CR202	D-2	R236	B-3
C206	D-3	CR203	D-2	R237	A-3
C207	D-3	CR204	B-1	R240	A-3
C208	D-1	CR205	E-2	R241	B-3
C209	C-2	CR207	A-7	R242	A-3
C210	D-2	FL201	A-5	R243	A-4
C211	D-1	J1405	D-10	R244	C-6
C212	C-1	L201	D-1	R245	C-6
C213	C-2	L202	B-1	R250	A-5
C214	C-1	L203	A-2	R251	H-7
C215	C-2	L204	A-3	R293	E-1
C216	C-4	L205	A-3	R294	H-3
C217	E-2	L206	A-4	R295	E-1
C218	C-10	L207	C-6	R296	A-5
C222	B-6	L208	C-6	U201	E-2
C223	C-6	Q201	C-2	W1	D-7
C224	C-6	Q202	B-1	W2	C-7
C225	A-5	Q203	B-2	W3	C-9 *
C234	C-2	Q204	B-3	Z9	B-6
C235	C-1	Q205	A-3		
C236	B-2	Q206	B-6		
C237	C-3	Q207	F-1		
C238	B-1	R201	F-1		
C239	B-2	R202	F-2		
C240	C-3	R203	E-2		
C241	B-2	R204	E-1		
C242	B-2	R205	E-2		
C243	A-1	R206	E-2		
C244	A-2	R207	E-2		
C245	B-2	R208	E-2		
C246	A-2	R209	E-1		
C247	B-2	R210	D-2		
C248	B-2	R211	D-2		
C249	A-2	R212	C-1		
C250	C-3	R213	C-1		
C251	B-3	R214	C-1		
C253	A-3	R215	E-1		
C254	B-3	R216	C-1		
C255	A-3	R217	C-2		
C256	B-4	R218	E-3		
C257	A-4	R222	H-5		
C258	A-4	R228	B-1		
C259	A-4	R229	B-2		

L-4303-02- (1)

* DESIGNATES BACKSIDE COMPONENTS.

DIVISION
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AD-4303-02- (2)

Assembly

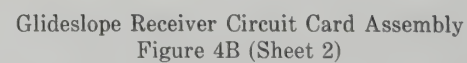
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- STOCK	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4B-1	642-4202-051			1 CIRCUIT CARD ASSY, GLIDESLOPE RECEIVER (SEE FIG 4A-37 FOR NHA)		RF
3	M39003-01-2271			2 CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C201		1
5	RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R201 R203 R228 R233 R236		5
7	M39003-01-2268			2 CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C206 C207 C208 C215 C216 C217 C235 C236 C237 C239 C240 C244 C249		13
9	LM148J			2 INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U201		1
11	RCR07G473KS			2 RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R204 R209 R212		3
13	RCR07G470KS			2 RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R215 R216 R234 R237 R240 R244		6
15	280-2745-010			2 LABEL, ESDS WARNING (V12998)		1
17	RN55D4992F			2 RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R206		1
19	RN55D1003F			2 RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R208		1
R 21	DR20CB221J			2 CAPACITOR, FIXED CER DIE, 220PF, 5%, 100VDC (V93958) 913-3117-060 C205 C222		2
23	1N5711			2 DIODE (ESDS) (V28480) 353-3691-010 CR202 CR203		2
25	MS75089-13			2 COIL, RF 150UH (V96906) 240-2715-390 L201		1
27	RCR07G272KS			2 RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/4W (V81349) 745-0764-000 R210		1
R 29	538-080D9-35			2 CAPACITOR, VAR CER DIE, 9 TO 35PF, 200V (V59660) 917-1225-000 C211 C214 C243 C246 C253 C259 C260 (SUPSD BY 29A)		7
R -29A	9694			2 CAPACITOR, VAR, CER DIE, 7.5-50PF, 250VDC (V91293) 917-0501-100 (SUPSDS 29)		7
31	3N187			2 TRANSISTOR (ESDS) (V02735) 352-1093-010 Q201		1
33	M39014-22-0194			2 CAPACITOR, FIXED CER DIE, 0.100UF, 10%, 50V (V81349) 913-3665-430 C212 C238 C245 C251		4
35	RCR07G104KS			2 RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R213 R242		2
R 37	RCR07G392KS			2 RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R214 R230		2
39	M39014-22-0196			2 CAPACITOR, FIXED CER DIE, 1000PF, 10%, 200VDC (V81349) 913-3665-560 C209 C213 C225 C241 C247 C254		6
R 41	CCR05CG560JM			2 CAPACITOR, FIXED CER DIE, 56PF, 5%, 200VDC (V04222) 913-3319-440 C210 C234 C242 C248		4
43	MS90538-16			2 COIL, RADIO FREQUENC 150UH (V96906) 240-2520-000 L202 L203 L204		3
45	1N4454-1			2 DIODE (V12969) 353-3644-010 CR201 CR204 CR205		3
R 47	68380			2 TRANSISTOR (ESDS) (V54590) 352-0867-050 Q202 Q203 Q205 (SUPSD BY 47A)		3
R -47A	BFR84			2 TRANSISTOR (ESDS) (V25403) 843-3000-010 (SUPSDS 47)		3
49	RCR07G472KS			2 RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R217 R222 R229 R231 R235 R241		6

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4B-1	642-4202-051		1	CIRCUIT CARD ASSY, GLIDESLOPE RECEIVER (SEE FIG 4A-37 FOR NHA)		RF
3	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C201		1
5	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R201 R203 R228 R233 R236		5
7	M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C206 C207 C208 C215 C216 C217 C235 C236 C237 C239 C240 C244 C249		13
9	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U201		1
11	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R204 R209 R212		3
13	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R215 R216 R234 R237 R240 R244		6
15	280-2745-010		2	LABEL, ESDS WARNING (V12998)		1
17	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R206		1
19	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R208		1
R 21	DR20CB221J		2	CAPACITOR, FIXED CER DIEL, 220PF, 5%, 100VDC (V93958) 913-3117-060 C205 C222		2
23	1N5711		2	DIODE (ESDS) (V28480) 353-3691-010 CR202 CR203		2
25	MS75089-13		2	COIL, RF 150UH (V96906) 240-2715-390 L201		1
27	RCR07G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/4W (V81349) 745-0764-000 R210		1
R 29	538-080D9-35		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V59660) 917-1225-000 C211 C214 C243 C246 C253 C259 C260 (SUPSD BY 29A)		7
R -29A	9694		2	CAPACITOR, VAR, CER DIEL, 7.5-50PF, 250VDC (V91293) 917-0501-100 (SUPSDS 29)		7
31	3N187		2	TRANSISTOR (ESDS) (V02735) 352-1093-010 Q201		1
33	M39014-22-0194		2	CAPACITOR, FIXED CER DIEL, 0.100UF, 10%, 50V (V81349) 913-3665-430 C212 C238 C245 C251		4
35	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R213 R242		2
R 37	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R214 R230		2
39	M39014-22-0196		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200VDC (V81349) 913-3665-560 C209 C213 C225 C241 C247 C254		6
R 41	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C210 C234 C242 C248		4
43	MS90538-16		2	COIL, RADIO FREQUENC 150UH (V96906) 240-2520-000 L202 L203 L204		3
45	1N4454-1		2	DIODE (V12969) 353-3644-010 CR201 CR204 CR205		3
R 47	68380		2	TRANSISTOR (ESDS) (V54590) 352-0867-050 Q202 Q203 Q205 (SUPSD BY 47A)		3
R -47A	BFR84		2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (SUPSDS 47)		3
49	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R217 R222 R229 R231 R235 R241		6

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
4B 51	RN55D2262F		2	RESISTOR, FIXED FILM, 22.6K, 1%, 1/8W (V81349) 705-1061-000 R211		1
53	RN55D3481F		2	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 R207		1
55	RN55D2740F		2	RESISTOR, FIXED FILM, 274 OHMS, 1%, 1/8W (V81349) 705-0969-000 R218		1
57	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R205		1
59	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R202		1
61	M39014-22-0176		2	CAPACITOR, FIXED CER DIEL, 10,000PF, 10%, 100VDC (V81349) 913-3665-380 C224 C250 C255 C256 C257 C258 C261		7
R 63	68784		2	TRANSISTOR (V54590) 352-0867-060 Q204 (SUPSD BY 63A)		1
R -63A	BFR84		2	TRANSISTOR (ESDS) (V25403) 843-3000-010 (SUPSDS 63)		1
65	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 L205 L206 L208		3
67	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R243		1
R 69	5369		2	FILTER, CRYSTAL, BP (V25120) 293-1313-010 FL201		1
R 71	635-5710-001		2	GLIDESLOPE PRESELECTOR ASSY (NON-REPAIRABLE ITEM) (SUPSD BY 71A)		1
R -71A	635-5710-002		2	GLIDESLOPE PRESELECTOR ASSEMBLY (NON-REPAIRABLE ITEM) (SUPSDS 71) ATTACHING PARTS		1
-73	MS51957-14		2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		2
-75	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		2
-77	310-6340-000		2	WASHER, FLAT SST, 0.125 ID X 0.281 OD 310-6340-000 is REF No. for V79807 CRES0-125IDX0-2810D		2
R -78	4007-4HTD		2	TERMINAL LUG (V77147) 304-0015-000 (ADDED)		2
-79	MS51957-2		2	SCREW, MACHINE SST, 2-56 X 3/16 (V96906) 343-0123-000		1
R -81	MS35338-134		2	WASHER, LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 ---*		1
R 83	601-4521-001		2	CIRCUIT CARD, GLIDESLOPE SELF-TEST OSC A21 (SEE FIG 23 FOR DET BKN)		1
85	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C218		1
R 87	913-1098-210		2	CAPACITOR, FIXED, CER, 4.7PF, PORM 0.25PF, 100V 913-1098-210 is REF No. for V51642 RPE110C0G4R7C100V C223 (SUPSD BY 87A)		1
R -87A	913-1098-220		2	CAPACITOR, FIXED, CER, 3.9PF, PORM 0.25PF, 100V 913-1098-220 is REF No. for V72982 8101A112C0J0399C (SUPSDS 87)		1
R 89	BP3132-3		2	COIL, RADIO FREQUENCY 33NH (V99800) 240-0957-030 L207		1
R 91	913-1098-250		2	CAPACITOR, FIXED, CER, 2.2PF, PORM 0.25PF, 100V 913-1098-250 is REF No. for V72982 RPE110C0G2R2C100V C262 (SUPSD BY 91A)		1
R -91A	8101A112C0K189C		2	CAPACITOR, FIXED, CER, 1.8PF, PORM 0.25PF, 100V (V59660) 913-1098-260 (SUPSDS 91)		1
93	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R245		1
R 95	87478-7		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-480 J1405		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- STOCK	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 4B 97	618-4921-237		2	TRANSISTOR, MOD Q206 (SUPSD BY 97A)		1
R -97A	618-4921-287		2	TRANSISTOR (SUPSDS 97)		1
99	TXB2-019-028CR		2	HEATSINK (V98978) 352-9984-040		1
				ATTACHING PARTS		
-101	MS51957-2		2	SCREW,MACHINE SST, 2-56 X 3/16 (V96906) 343-0123-000		1
R -103	310-6320-000		2	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807)		1
R -105	MS35338-134		2	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000		1

107	M39003-01-2291		2	CAPACITOR,FIXED ELCTLT, 27UF, 10%, 20V (V81349) 184-9086-510 C203 C204		2
109	M39003-01-2244		2	CAPACITOR,FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C202		1

111	635-5706-002		2	MOUNTING, CAPACITOR		1
R 113	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		15
115	542-0814-003		2	TUBELET		14
117	761-5321-028		2	WASHER		14
R 119	601-4520-001		2	CIRCUIT CARD, GLIDESLOPE 2ND INJ A20 (SEE FIG 22 FOR DET BKDN)		1

121	635-5583-003		2	COVER		1
123	635-5585-001		2	SHIELD,RF		1
125	635-5584-001		2	SHIELD,RF		1
127	629-6955-001		2	COVER,TUNER		1
129	635-5583-001		2	SHIELD		1
R 131	629-6755-001		2	SHIELD,RF (SUPSD BY 131A)		1
R -131A	827-2620-001		2	SHIELD (SUPSDS 131)		1
133	608-6430-017		2	POST		5
				ATTACHING PARTS		
-135	629-6561-013		2	SCREW		5
-137	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		5
R -139	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		5

141	768-7354-001		2	CLAMP		1
				ATTACHING PARTS		
-143	MS51957-4		2	SCREW,MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000		1

R 145	NA1104-043		2	CONTACT, ELECTRICAL (V57863) 372-2601-043 (SUPSD BY 145A)		6
R -145A	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (SUPSDS 145)		6
R 147	635-5579-004		2	CABLE,RF W1 (ADDED)		1
R 149	357-7552-010		3	CONNECTOR, RF 357-7552-010 is REF No. for V98291 051-424-3196-220 (ADDED)		1
R 151	635-5580-005		3	BAND,MARKER (ADDED)		1
R 153	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 (ADDED)		2
R 155	830-2874-001		2	RESISTOR, TEST SELECT R251 (ADDED)		1
R -157A	RN55D44R2F		3	RESISTOR,FIXED FILM, 44.2 OHMS, 1%, 1/8W (V81349) 705-0931-000 (ADDED)		AR
R -157B	RN55D75R0F		3	RESISTOR,FIXED FILM, 75 OHMS, 1%, 1/8W (V81349) 705-0942-000 (ADDED)		AR
R -157C	RN55D1000F		3	RESISTOR,FIXED FILM, 100 OHMS, 1%, 1/8W (V81349) 705-0948-000 (ADDED)		AR
R 159	56-590-65-4A6		2	SUPPRESSOR,PARA (V02114) 288-2154-000 Z1-Z8 (ADDED)		8
R 161	21-030F		2	BEAD,SHIELDING (V33062) 288-0815-010 Z9 (ADDED)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 4B 163	M881F		2	EYELET, METALLIC (V81349) 307-1306-010 (ADDED)		2
R 165	16154C5		2	TERMINAL, FEEDTHRU (V88245) 306-0991-000 (ADDED)		2
R 167	SL441-434DWHITE		2	TERMINAL, STANDOFF (V12615) 306-2222-100 (ADDED)		4
R 169	NA1104-047		2	CONTACT, ELECTRICAL (V57863) 372-2601-047 (ADDED)		2
R 171	634		2	TERMINAL, LUG (V79963) 304-0014-000 (ADDED)		1
R 173	1495B		2	TERMINAL,STANDOFF (V88245) 306-1104-000 (ADDED)		1
R 175	D306-04		2	INSULATOR, PREFORMED (V06090) 352-9525-000 (ADDED)		1
R 177	913-3281-140		2	CAPACITOR, FIXED CER DIEL, 1500PF, 10%, 100V 913-3281-140 is REF No. for V72982 RPE122C0G152K100V C270 (ADDED)		1
R 179	913-3281-270		2	CAPACITOR, FIXED CER DIEL, 1000PF, 5%, 100V 913-3281-270 is REF No. for V72982 RPE121C0G102J100V C293 (ADDED)		1
R 181	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR207 (ADDED)		1
R 183	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q207 (ADDED)		1
R 185	RN55D49R9F		2	RESISTOR, FIXED FILM, 49.9 OHMS, 1%, 1/8W (V81349) 705-3600-340 R250 (ADDED)		1
R 187	RLR07C1001FS		2	RESISTOR, FIXED, FILM, 1000 OHMS, 1%, 1/4W (V91637) 833-6048-590 R293 (ADDED)		1
R 189	RN55D46R4F		2	RESISTOR, FIXED FILM, 46.4 OHMS, 1%, 1/8W (V81349) 705-0932-000 R294 (ADDED)		1
R 191	RN55D2211F		2	RESISTOR, FIXED FILM, 2.21K, 1%, 1/8W (V81349) 705-3605-160 R295 (ADDED)		1
R 193	RN55D6810F		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000 R296 (ADDED)		1
R 195	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C225 (ADDED)		1
R 197	RCR07G392KS		2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R232 (SUPSD BY 197A)		1
R -197A	659-2619-001		2	RESISTOR, TEST SELECT (SUPSDS 197)		1
R -199A	RN55D3011F		3	RESISTOR, FIXED FILM, 3.01K, 1%, 1/8W (V81349) 705-1019-000 (ADDED)		AR
R -199B	RN55D3161F		3	RESISTOR, FIXED FILM, 3.16K, 1%, 1/8W (V81349) 705-1020-000 (ADDED)		AR
R -199C	RN55D3481F		3	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 (ADDED)		AR
R -199D	RN55D3831F		3	RESISTOR, FIXED FILM, 3.83K, 1%, 1/8W (V81349) 705-1024-000 (ADDED)		AR
R -199E	RN55D1581F		3	RESISTOR, FIXED FILM, 1.58K, 1%, 1/8W (V81349) 705-3605-090 (ADDED)		AR
R -199F	RN55D1651F		3	RESISTOR, FIXED FILM, 1.65K, 1%, 1/8W (V81349) 705-3605-100 (ADDED)		AR
R -199G	RN55D1741F		3	RESISTOR, FIXED FILM, 1.74K, 1%, 1/8W (V81349) 705-3605-110 (ADDED)		AR
R -199H	RN55D1911F		3	RESISTOR, FIXED FILM, 1.91K, 1%, 1/8W (V81349) 705-3605-130 (ADDED)		AR
R -199J	RN55D2001F		3	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 (ADDED)		AR
R -199K	RN55D2101F		3	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 (ADDED)		AR
R -199L	RN55D2321F		3	RESISTOR, FIXED FILM, 2.32K, 1%, 1/8W (V81349) 705-3605-170 (ADDED)		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

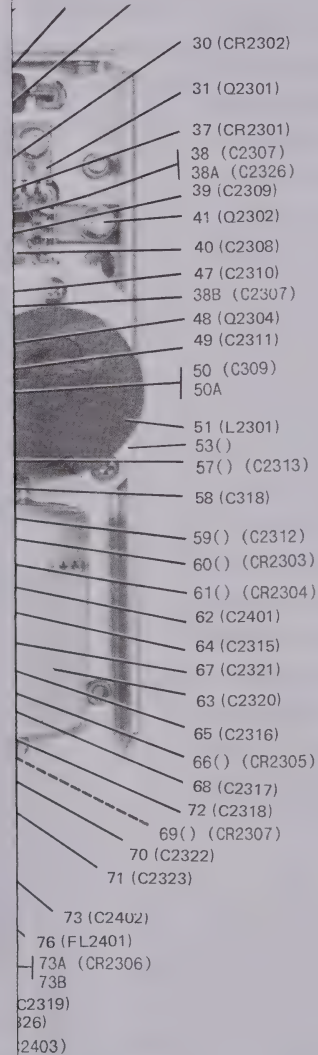
FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	4B-199M	RN55D2431F	3	RESISTOR, FIXED FILM, 2.43K, 1%, 1/8W (V81349) 705-3605-180 (ADDED)		AR
R	-199N	RN55D2551F	3	RESISTOR, FIXED FILM, 2.55K, 1%, 1/8W (V81349) 705-3605-190 (ADDED)		AR
R	-199P	RN55D2671F	3	RESISTOR, FIXED FILM, 2.67K, 1%, 1/8W (V81349) 705-3605-200 (ADDED)		AR
R	-199Q	RN55D2801F	3	RESISTOR, FIXED FILM, 2.8K, 1%, 1/8W (V81349) 705-3605-210 (ADDED)		AR
R	-199R	RN55D2941F	3	RESISTOR, FIXED FILM, 2.94K, 1%, 1/8W (V81349) 705-3605-220 (ADDED)		AR
R	-199S	RN55D3091F	3	RESISTOR, FIXED FILM, 3.09K, 1%, 1/8W (V81349) 705-3605-230 (ADDED)		AR
R	-199T	RN55D3401F	3	RESISTOR, FIXED FILM, 3.4K, 1%, 1/8W (V81349) 705-3605-250 (ADDED)		AR
R	-199U	RN55D3571F	3	RESISTOR, FIXED FILM, 3.57K, 1%, 1/8W (V81349) 705-3605-260 (ADDED)		AR
R	-199V	RN55D3741F	3	RESISTOR, FIXED FILM, 3.74K, 1%, 1/8W (V81349) 705-3605-270 (ADDED)		AR
R	-199W	RLR07C8250FS	3	RESISTOR, FIXED, FILM, 825 OHMS, 1%, 1/4W (V91637) 833-6048-570 (ADDED)		AR
R	-199X	RLR07C9090FS	3	RESISTOR, FIXED, FILM, 909 OHMS, 1%, 1/4W (V91637) 833-6048-580 (ADDED)		AR
R	-199Y	RLR07C1001FS	3	RESISTOR, FIXED, FILM, 1000 OHMS, 1%, 1/4W (V91637) 833-6048-590 (ADDED)		AR
R	-199Z	RLR07C1101FS	3	RESISTOR, FIXED, FILM, 1100 OHMS, 1%, 1/4W (V91637) 833-6048-600 (ADDED)		AR
R	-201A	RLR07C1211FS	3	RESISTOR, FIXED, FILM, 1210 OHMS, 1%, 1/4W (V91637) 833-6048-610 (ADDED)		AR
R	-201B	RLR07C1301FS	3	RESISTOR, FIXED, FILM, 1300 OHMS, 1%, 1/4W (V91637) 833-6048-620 (ADDED)		AR
R	-201C	RLR07C1501FS	3	RESISTOR, FIXED, FILM, 1500 OHMS, 1%, 1/4W (V91637) 833-6048-630 (ADDED)		AR
R	-201D	RLR07C1821FS	3	RESISTOR, FIXED, FILM, 1820 OHMS, 1%, 1/4W (V91637) 833-6048-670 (ADDED)		AR
R	-201E	RLR07C2211FS	3	RESISTOR, FIXED, FILM, 2210 OHMS, 1%, 1/4W (V91637) 833-6048-690 (ADDED)		AR
R	-201F	RLR07C2741FS	3	RESISTOR, FIXED, FILM, 2740 OHMS, 1%, 1/4W (V91637) 833-6048-730 (ADDED)		AR
R	-201G	RLR07C3321FS	3	RESISTOR, FIXED, FILM, 3320 OHMS, 1%, 1/4W (V91637) 833-6048-750 (ADDED)		AR
R	-201H	RLR07C3921FS	3	RESISTOR, FIXED, FILM, 3920 OHMS, 1%, 1/4W (V91637) 833-6048-770 (ADDED)		AR

- ITEM NOT ILLUSTRATED

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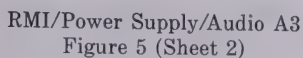
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 8 28A 29



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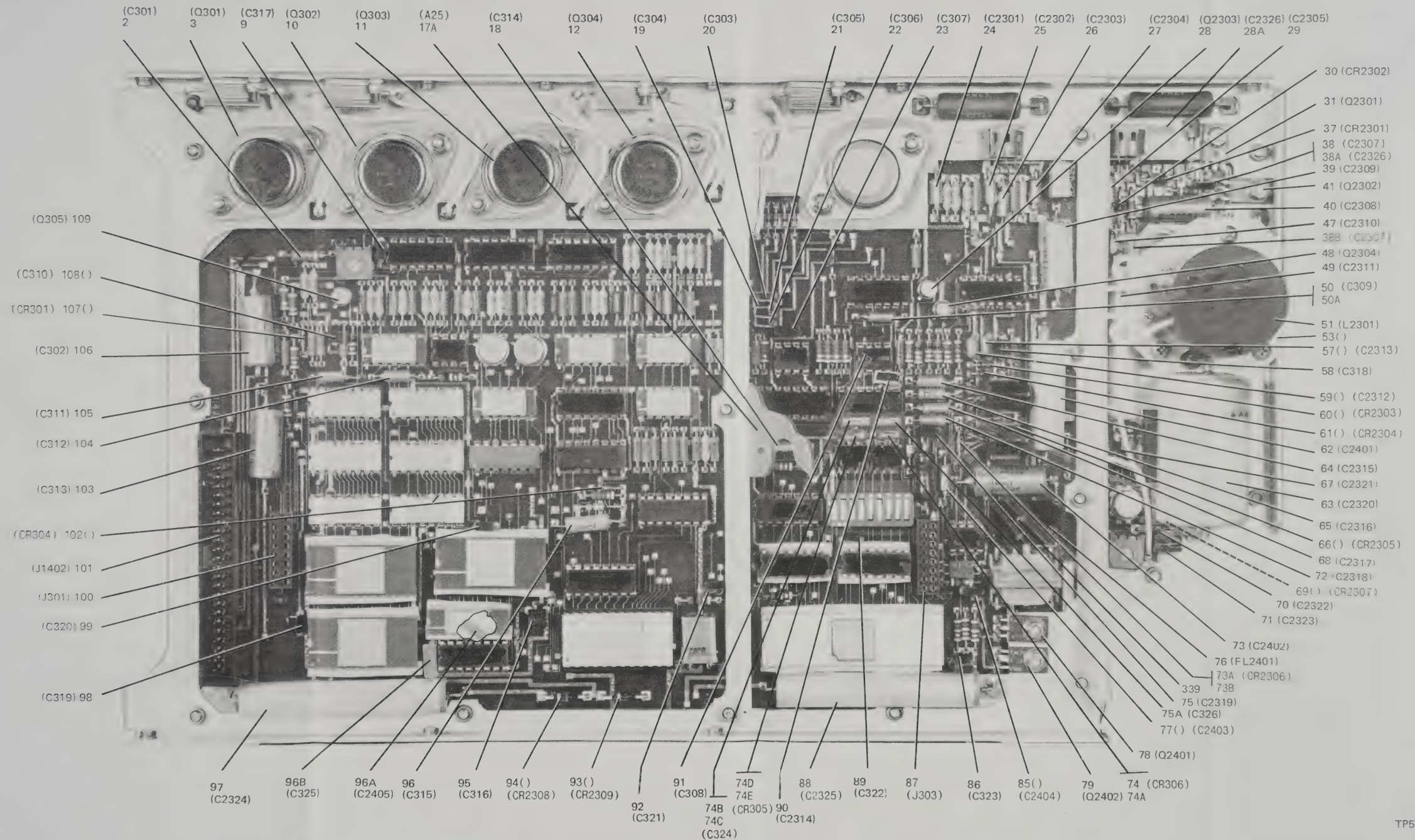
A3

DETAILED PARTS LIST



COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

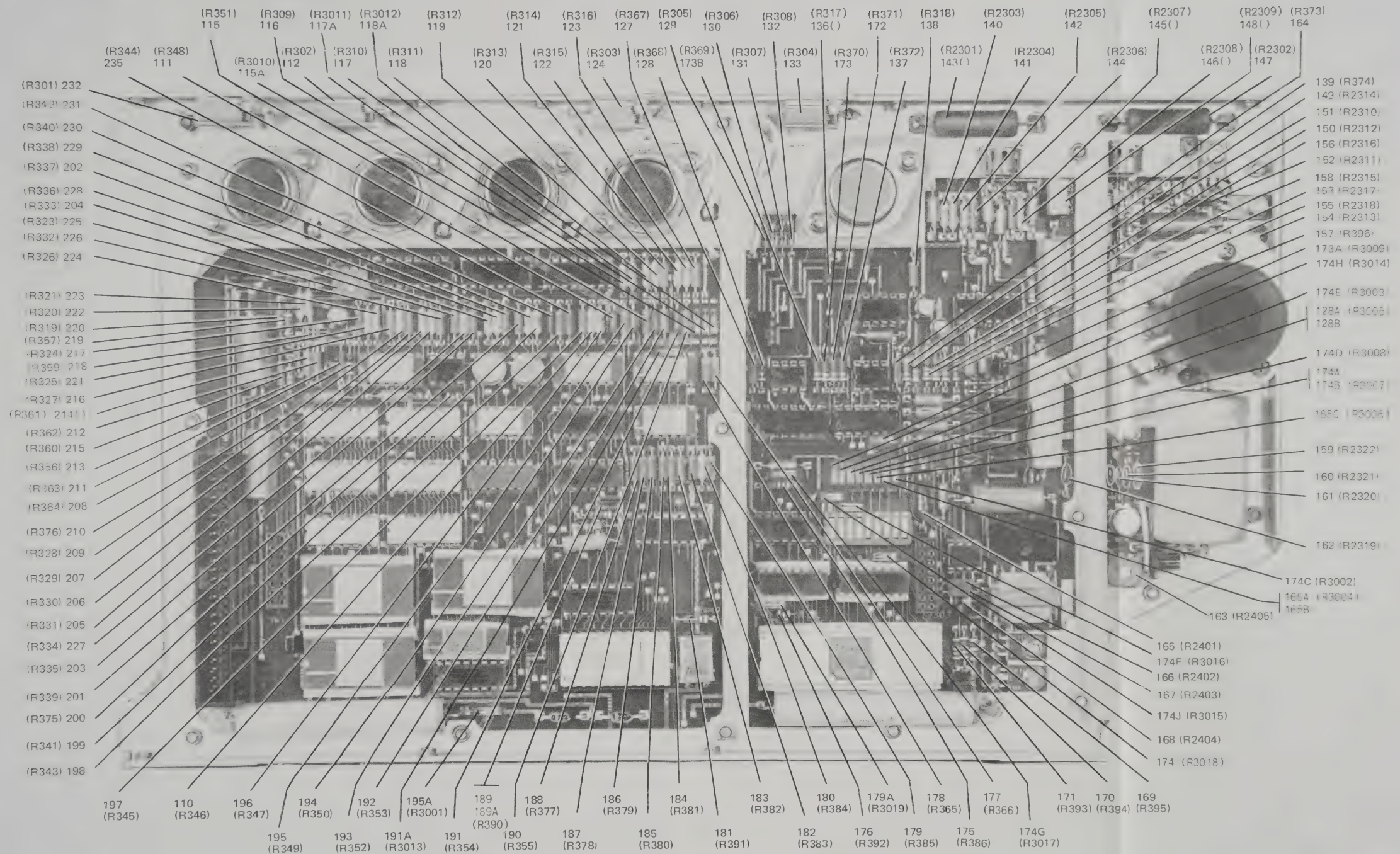


TP5-5259-038

RMI/Power Supply/Audio A3
Figure 5 (Sheet 1 of 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

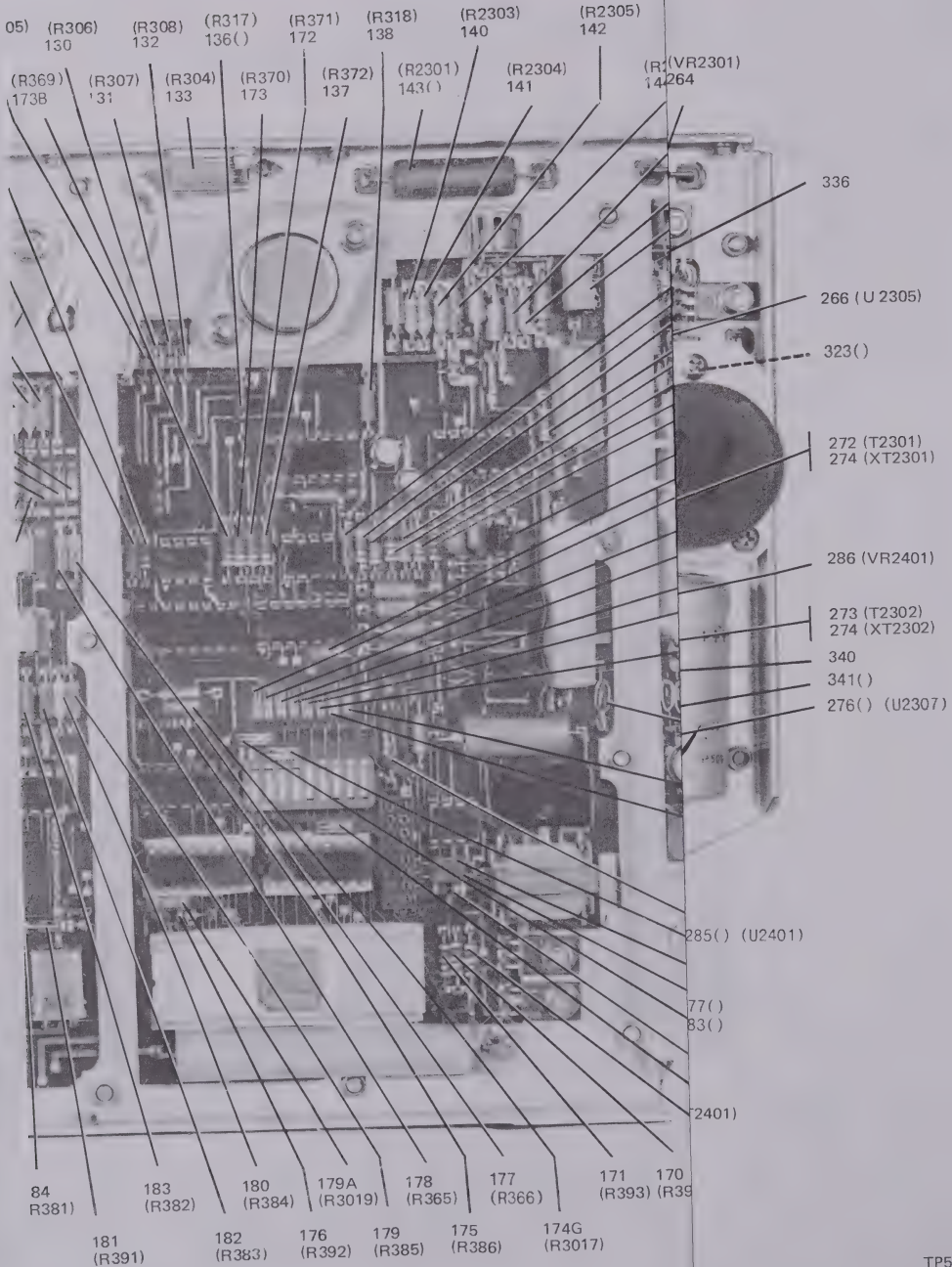
DETAILED PARTS LIST



RMI/Power Supply/Audio A3
Figure 5 (Sheet 2)

DIVISION
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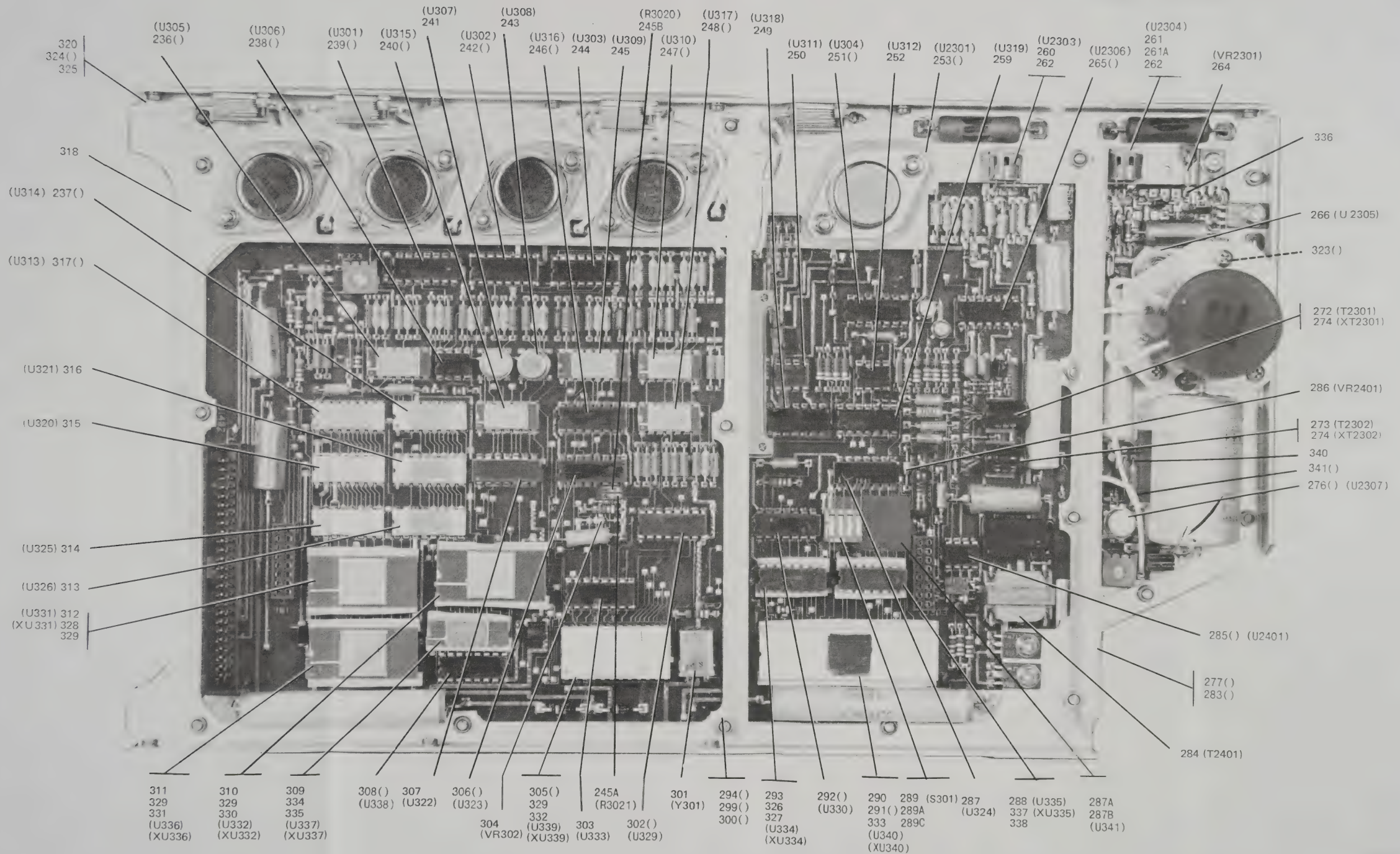
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5-1A	601-4203-001		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	RF
-1B	601-4203-003		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53A FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	RF
R	2	M39003-03-0133	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 C301		1
R	3	64906	2	TRANSISTOR (V02735) 352-1006-020 Q301		1
R	-4	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 4A)		2
R	-4A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 4)		2
R	-5	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		2
	-6	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
	-7	43-02-9	2	INSULATOR, PL (V13103) 352-9605-140 (AP) (SUPSD BY ITEM 7A)		1
	-7A	43-03-8	2	INSULATOR, PL (V13103) 352-9605-140 (AP) (SUPSDS ITEM 7)		1
	-8	MS51957-16	2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
R	9	CK05BX102K	2	CAPACITOR, FIXED CER DIE, 1000PF, 10%, 200V (V81349) 913-4018-000 C317		1
	10	64903	2	TRANSISTOR (V02735) 352-1005-020 Q302		1
R	11	64906	2	TRANSISTOR (V02735) 352-1006-020 Q303		1
	12	64903	2	TRANSISTOR (V02735) 352-1005-020 Q304		1
R	-13	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 13A)		2
R	-13A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 10,11,12) (SUPSDS ITEM 13)		6
R	-14	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP FOR 10,11,12)		6
	-15	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP FOR 10,11,12)		3
R	-16	43-02-9	2	INSULATOR, PL (V13103) 352-9605-140 (AP FOR 10,11,12) (SUPSD BY ITEM 16A)		3
	-16A	43-03-8	2	INSULATOR, PL (V13103) 352-9605-140 (AP FOR 10,11,12) (SUPSDS ITEM 16)		3
	-17	MS51957-16	2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP FOR 10,11,12)		6
	17A	642-0571-002	2	CIRCUIT CARD ASSY A25 SB 5 (SEE FIG 25 FOR DET BKDN)		1
	-17B	MS51957-14	2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		2
	-17C	MS51957-13	2	SCREW, MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		2
	-17D	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		8
R	-17E	540-9041-003	2	POST (AP)		2
	18	M39003-01-2254	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C314		1

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



RMI/Power Supply/Audio A3
Figure 5 (Sheet 3)

TP5-5259-038

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q U A N T I T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5-1A	601-4203-001		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	RF
-1B	601-4203-003		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53A FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X	RF
R	2	M39003-03-0133	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 C301		1
R	3	64906	2	TRANSISTOR (V02735) 352-1006-020 Q301		1
R	-4	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 4A)		2
R	-4A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 4)		2
R	-5	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		2
	-6	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
	-7	43-02-9	2	INSULATOR, PL (V13103) 352-9605-140 (AP) (SUPSD BY ITEM 7A)		1
	-7A	43-03-8	2	INSULATOR, PL (V13103) 352-9605-140 (AP) (SUPSDS ITEM 7)		1
	-8	MS51957-16	2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
R	9	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C317		1
	10	64903	2	TRANSISTOR (V02735) 352-1005-020 Q302		1
R	11	64906	2	TRANSISTOR (V02735) 352-1006-020 Q303		1
	12	64903	2	TRANSISTOR (V02735) 352-1005-020 Q304		1
R	-13	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 13A)		2
R	-13A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 10,11,12) (SUPSDS ITEM 13)		6
R	-14	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP FOR 10,11,12)		6
	-15	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP FOR 10,11,12)		3
R	-16	43-02-9	2	INSULATOR, PL (V13103) 352-9605-140 (AP FOR 10,11,12) (SUPSD BY ITEM 16A)		3
	-16A	43-03-8	2	INSULATOR, PL (V13103) 352-9605-140 (AP FOR 10,11,12) (SUPSDS ITEM 16)		3
	-17	MS51957-16	2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP FOR 10,11,12)		6
	17A	642-0571-002	2	CIRCUIT CARD ASSY A25 SB 5 (SEE FIG 25 FOR DET BKDN)		1
	-17B	MS51957-14	2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		2
	-17C	MS51957-13	2	SCREW, MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		2
	-17D	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		8
R	-17E	540-9041-003	2	POST (AP)		2
	18	M39003-01-2254	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C314		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY UNIT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	5 19	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C304		1
R	20	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C303		1
R	21	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C305		1
R	22	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C306		1
R	23	CK06BX104K	2	CAPACITOR, FIXED CER DIELECT, 100000PF, 10%, 100VDC (V81349) 913-5019-440 C307		1
	24	M39003-01-2280	2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2301		1
	25	M39003-01-2280	2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2302		1
	26	M39003-01-2280	2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2303		1
	27	M39003-01-2280	2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2304		1
	28	2N2222A	2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q2303		1
R	28A	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2326 (EFF REV N) (USED ON ITEM 1A)		1
	29	M39003-01-2280	2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2305		1
	30	1N5614	2	DIODE (V12969) 353-6556-010 CR2302		1
	31	MJE700	2	TRANSISTOR (V04713) 352-1082-010 Q2301		1
R	-32	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 32A)		1
R	-32A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 32)		1
R	-33	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		1
	-34	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
	-35	43-77-1	2	INSULATOR, PLATE (V13103) 352-9605-220 (AP)		1
	-36	330-1716-160	2	SCREW, SLFLKG SST, 4-40 X 3/8 (V56878) (AP) (SUPSD BY ITEM 36A)		1
	-36A	330-1716-160	2	SCREW, SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN (SUPSDS ITEM 36)		1
	37	1N5614	2	DIODE (V12969) 353-6556-010 CR2301		1
R	38	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2326 (USED ON ITEM 1B)		1
R	38A	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2307 (USED ON ITEM 1A)		1
R	38B	CK05BX103K	2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2307 (USED ON ITEM 1B)		1
	39	M39003-01-2312	2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 35V (V81349) 184-9086-720 C2309		1
	40	M39003-01-2306	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 C2308		1
	41	MJE800	2	TRANSISTOR (V04713) 352-1083-010 Q2302		1
R	-42	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 42A)		1
R	-42A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 42)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 5-43	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		1
-44	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
-45	43-77-1		2	INSULATOR, PLATE (V13103) 352-9605-220 (AP)		1
-46	330-1716-160		2	SCREW, SLFLKG SST, 4-40 X 3/8 (V56878) (AP) (SUPSD BY ITEM 46A)		1
-46A	330-1716-160		2	SCREW, SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN (AP) (SUPSDS ITEM 46)		1
R 47	CK06BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10% 100VDC (V81349) 913-5019-440 C2310		1
48	2N2907A		2	TRANSISTOR (V04713) 352-0551-010 Q2304		1
49	600D107G050DJ5		2	CAPACITOR, FIXED ELCTLT, 100UF, P75%M10%, 50V (V56289) 183-1277-350 C2311		1
R 50	M39003-03-0133		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 C309 (SUPSD BY ITEM 50A)		1
50A	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C309 (SUPSDS ITEM 50)		1
51	17665		2	INDUCTOR 314UH (V07388) 668-0165-010 L2301		1
-52	MS51957-14		2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		1
53	638-2883-001		2	PLATE, MTG		1
-54	MS51957-14		2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		3
-55	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
R -56	540-9041-003		2	POST (AP)		3
57	CY30C105M		2	CAPACITOR, FXD CER DIELECTRIC, 1UF, 20%, 50V (V16546) 913-3279-270 C2313 (SUPSD BY ITEM 57A)		1
R 57A	913-3279-270		2	CAPACITOR, FXD CER DIELECTRIC, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C2313 (SUPSDS ITEM 57)		1
58	CK05BX472K		2	CAPACITOR, FIXED CER DIELECTRIC, 4700PF, 10%, 100VDC (V81349) 913-5019-160 C318		1
59	CY30C105M		2	CAPACITOR, FXD CER DIELECTRIC, 1UF, 20%, 50V (V16546) 913-3279-270 C2312 (SUPSD BY ITEM 59A)		1
R 59A	913-3279-270		2	CAPACITOR, FXD CER DIELECTRIC, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C2312 (SUPSDS ITEM 59)		1
R 60	1N4454		2	DIODE (V12969) 353-3644-010 CR2303 (SUPSD BY ITEM 60A)		1
60A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2303 (SUPSDS ITEM 60)		1
R 61	1N4454		2	DIODE (V12969) 353-3644-010 CR2304 (SUPSD BY ITEM 61A)		1
61A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2304 (SUPSDS ITEM 61)		1
62	600D706G040DE5		2	CAPACITOR, FIXED ELCTLT, 70UF, P75%M10%, 40V (V56289) 183-1277-290 C2401		1
63	M39018-03-0756		2	CAPACITOR, FIXED ELCTLT, 150UF, P50%M10%, 100VDC (V81349) 184-5102-220 C2320		1
64	M39003-01-2269		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2315		1
65	M39003-01-2269		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2316		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	5 66	1N4454	2	DIODE (V12969) 353-3644-010 CR2305 (SUPSD BY ITEM 66A)		1
	66A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2305 (SUPSDS ITEM 66)		1
R	67	CK05BX101K	2	CAPACITOR, FIXED CER DIEL, 100PF, 10%, 200V (V81349) 913-4006-000 C2321		1
	68	M39003-01-2269	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2317		1
	69	1N4005	2	SEMICONV DEVICE (V04713) 353-6442-050 CR2307 (SUPSD BY ITEM 69A)		1
R	69A	1N4005GP	2	SEMICONV DEVICE (V14936) 353-6442-050 CR2307 (SUPSDS ITEM 69)		1
R	70	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C2322		1
R	71	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C2323		1
	72	M39003-01-2269	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2318		1
	73	M39003-01-2299	2	CAPACITOR, FIXED ELCTLT, 68UF, 20%, 20V (V81349) 184-9086-590 C2402		1
R	73A	1N4454	2	DIODE (V12969) 353-3644-010 CR2306 (SUPSD BY ITEM 73B)		1
	73B	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2306 (SUPSDS ITEM 73A)		1
R	74	1N4454	2	DIODE (V12969) 353-3644-010 CR306 SB 10 EFF REV AH (SUPSD BY ITEM 74A)		1
	74A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR306 (SUPSDS ITEM 74)		1
	74B	CY30C105M	2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V (V16546) 913-3279-270 C324 SB 10 (EFF REV AH) (SUPSD BY ITEM 74C)		1
R	74C	913-3279-270	2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C324 (SUPSD BY 74F)		1
R	74D	1N4454	2	DIODE (V12969) 353-3644-010 CR305 SB10 (EFF REV AH) (SUPSD BY ITEM 74E)		1
	74E	1N4454-1	2	DIODE (V12969) 353-3644-010 CR305 (SUPSDS ITEM 74D)		1
R	-74F	2C20Z5U105M050B	2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V (V56289) 913-3279-270 (SUPSDS 74C)		1
	75	CK06BX223K	2	CAPACITOR, FIXED CER DIEL, 22000PF, 10% 100VDC (V81349) 913-5019-360 C2319		1
	75A	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C326 (USED ON ITEM 1B)		1
	76	PBF5542	2	MICROCIRCUIT (ESDS) (V12050) 351-2422-010 FL2401		1
	77	M39003-01-2269	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2403 (EFF TO REV LTR M)		1
	77A	M39003-01-2289	2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C2403 (EFF REV M)		1
	78	2N4923	2	TRANSISTOR (V27014) 352-0782-030 Q2401		1
	79	2N4920	2	TRANSISTOR (V04713) 352-0780-070 Q2402		1
R	-80	313-0132-000	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (AP FOR 78,79) (SUPSD BY ITEM 80A)		2
R	-80A	NAS671C4	2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 78,79) (SUPSDS ITEM 80)		2
R	-81	4704-04-01-4102	2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP FOR 78,79)		2

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**COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG**
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5-82	43-77-1		2	INSULATOR,PLATE (V13103) 352-9605-220 (AP FOR 78)		2
-83	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP FOR 78,79)		2
-84	330-1716-160		2	SCREW,SLFLKG SST, 4-40 X 3/8 (V56878) (AP FOR 78,79) (SUPSD BY ITEM 84A)		2
-84A	330-1716-160		2	SCREW,SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN (AP FOR 78,79) (SUPSDS ITEM 84)		2
R	85	CK05BX103K	2	CAPACITOR,FIXED CER DIEI, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2404 SB 8 (EFF TO REV LTR V)		1
R	85A	CK06BX473K	2	CAPACITOR,FIXED CER DIEI, 47000PF, 10% 100VDC (V81349) 913-5019-400 C2404 SB 8 (EFF REV V)		1
	86	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C323		1
R	87	86418-5	2	CONNECTOR, RCPT (V00779) 372-0033-020 J303		1
	88	600D157G050DL5	2	CAPACITOR,FIXED ELCTLT, 150UF, P75%M10%, 50V (V56289) 183-1277-010 C2325		1
	89	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C322		1
	90	CK06BX223K	2	CAPACITOR,FIXED CER DIEI, 22000PF, 10% 100VDC (V81349) 913-5019-360 C2314		1
R	91	CK06BX104K	2	CAPACITOR,FIXED CER DIEI,100000PF, 10% 100VDC (V81349) 913-5019-440 C308		1
	92	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C321		1
	93	IN5553	2	SEMICOND DEVICE (V14099) 353-3718-070 CR2309 (SUPSD BY ITEM 93A)		1
	93A	UT1519	2	SEMICOND DEVICE (V12969) 353-3718-070 CR2309 (SUPSDS ITEM 93)		1
	94	IN5553	2	SEMICOND DEVICE (V14099) 353-3718-070 CR2308 (SUPSD BY ITEM 94A)		1
	94A	UT1519	2	SEMICOND DEVICE (V12969) 353-3718-070 CR2308 (SUPSDS ITEM 94)		1
R	95	CK05BX103K	2	CAPACITOR,FIXED CER DIEI, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C316		1
	96	M39003-01-2289	2	CAPACITOR,FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C315		1
R	96A	CK05BX103K	2	CAPACITOR,FIXED CER DIEI, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2405 (EFF REV Y)(USED ON ITEM 1A)		1
	96B	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C325 SB 10 (EFF REV LTR AH)		1
	97	600D157G050DL5	2	CAPACITOR,FIXED ELCTLT, 150UF, P75%M10%, 50V (V56289) 183-1277-010 C2324		1
	98	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C319		1
	99	CK05BX104K	2	CAPACITOR,FIXED CER DIEI, 100000PF,10%, 50VDC (V81349) 913-5019-320 C320		1
R	100	86418-5	2	CONNECTOR, RCPT (V00779) 372-0033-020 J301		1
	101	87478-8	2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-530 J1402		1
R	102	1N4454	2	DIODE (V12969) 353-3644-010 CR304 (SUPSD BY ITEM 102A)		1
	102A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR304 (SUPSDS ITEM 102)		1
	103	M39003-01-2265	2	CAPACITOR,FIXED ELCTLT, 220UF, 10%, 10V (V81349) 184-9086-250 C313		1

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51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 104	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C312		1
105	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C311		1
106	M39003-01-2265		2	CAPACITOR, FIXED ELCTLT, 220UF, 10%, 10V (V81349) 184-9086-250 C302		1
R 107	1N4454		2	DIODE (V12969) 353-3644-010 CR301 (SUPSD BY ITEM 107A)		1
107A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR301 (SUPSDS ITEM 107)		1
R 108	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C310 (SUPSD BY ITEM 108A)		1
R 108A	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C310 (SUPSDS ITEM 108)		1
R 109	2N2608		2	TRANSISTOR (ESDS) (V04713) 352-0605-010 Q305		1
110	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 R346		1
111	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R348		1
R 112	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R302		1
-113	68NM26		2	NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (AP)		2
-114	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 (AP)		2
115	RN55E1721B		2	RESISTOR, FIXED FILM, 1.72K, 0.1%, 1/10W (V81349) 705-5973-980 R351		1
115A	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R3010 SB 10 (EFF REV LTR AH)		1
116	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R309		1
117	RN55D3482F		2	RESISTOR, FIXED FILM, 34.8K, 1%, 1/8W (V81349) 705-1070-000 R310		1
117A	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R3011 SB 10 (EFF REV LTR AH)		1
118	RN55D2322F		2	RESISTOR, FIXED FILM, 23.2K, 1%, 1/8W (V81349) 705-3605-650 R311		1
118A	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R3012 SB 10 (EFF REV LTR AH)		1
119	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R312		1
120	RN55D1962F		2	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000 R313		1
121	RN55D2322F		2	RESISTOR, FIXED FILM, 23.2K, 1%, 1/8W (V81349) 705-3605-650 R314		1
122	RN55D3482F		2	RESISTOR, FIXED FILM, 34.8K, 1%, 1/8W (V81349) 705-1070-000 R315		1
123	RN55D1962F		2	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000 R316		1
R 124	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R303		1
-125	68NM26		2	NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (AP)		2
-126	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 (AP)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 127	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R367		1
128	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R368		1
128A	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R3005 (EFF REV AH) SB10 TO SB16		1
128B	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R3005 SB 16 (EFF		1
129	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 R305		1
130	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 R306		1
131	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 R307		1
132	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 R308		1
R 133	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R304		1
-134	68NM26		2	NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (AP)		2
-135	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 (AP)		2
136	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R317 SB 5 (EFF TO REV LTR AG)		1
136A	RN55D1101F		2	RESISTOR, FIXED FILM, 1.1K, 1%, 1/8W (V81349) 705-0998-000 R317 SB 5 (EFF REV AG)		1
137	RCR07G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 R372		1
138	RN55D4990F		2	RESISTOR, FIXED FILM, 499 OHMS, 1%, 1/8W (V81349) 705-3600-820 R318		1
139	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R374		1
140	RN55D3480F		2	RESISTOR, FIXED FILM, 348 OHMS, 1%, 1/8W (V81349) 705-0974-000 R2303		1
141	RN55D1101F		2	RESISTOR, FIXED FILM, 1.1K, 1%, 1/8W (V81349) 705-0998-000 R2304		1
142	RN55D2101F		2	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 R2305		1
143	RWR67V4R7		2	RESISTOR, FXD WW, 4.7 OHMS, 5%, 6.5W (V81349) 747-5485-000 R2301 (SUPSD BY ITEM 143A)		1
R 143A	RW67V4R7		2	RESISTOR, FXD WW, 4.7 OHMS, 5%, 6.5W (V01686) 747-5485-000 R2301 (SUPSDS ITEM 143)		1
144	RN55D2490F		2	RESISTOR, FIXED FILM, 249 OHMS, 1%, 1/8W (V81349) 705-0967-000 R2306		1
145	RN55D5900F		2	RESISTOR, FIXED FILM, 590 OHMS, 1%, 1/8W (V81349) 705-0985-000 R2307 SB 8 (EFF TO REV LTR R)		1
145A	RN55D3480F		2	RESISTOR, FIXED FILM, 348 OHMS, 1%, 1/8W (V81349) 705-0974-000 R2307 SB8 (EFF REV R)		1
146	RN55D1101F		2	RESISTOR, FIXED FILM, 1.1K, 1%, 1/8W (V81349) 705-0998-000 R2308 SB8 (EFF TO REV LTR R)		1
146A	RN55D1071F		2	RESISTOR, FIXED FILM, 1.07K, 1%, 1/8W (V81349) 705-3605-020 R2308 SB 8 (EFF REV R TO REV W)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 146B	RN55D9530F		2	RESISTOR, FIXED FILM, 953 OHMS, 1%, 1/8W (V81349) 705-0995-000 R2308 SB 8 (EFF REV W)		1
147	RW67VR51		2	RESISTOR, FIXED WW, 0.51 OHMS, 10%, 6.5W (V81349) 747-5553-000 R2302		1
R 148	64X102		2	RESISTOR, VAR, NWW, 1K, 10%, 1/2W (V02111) 382-0052-250 R2309 SB 8 (EFF TO REV LTR R)		1
R 148A	64X500		2	RESISTOR, VAR, NWW, 50 OHMS, 10%, 1/2W (V02111) 382-0052-210 R2309 SB 8 (EFF REV R TO REV W)		1
R 148B	64X201		2	RESISTOR, VAR, NWW, 200 OHMS, 10%, 1/2W (V02111) 382-0052-230 R2309 SB 8 (EFF REV W)		1
149	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2314		1
150	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2312		1
151	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2310		1
152	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2311		1
153	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R2317		1
R 154	RWR89SR100FM		2	RESISTOR, FIXED WW, 0.100 OHMS, 1%, 3W (V01686) 747-2180-010 R2313		1
155	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R2318		1
156	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2316		1
157	RN55D2371F		2	RESISTOR, FIXED FILM, 2.37K, 1%, 1/8W (V81349) 705-1014-000 R396		1
158	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2315		1
159	RN55D3572F		2	RESISTOR, FIXED FILM, 35.7K, 1%, 1/8W (V81349) 705-3605-740 R2322		1
160	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R2321		1
161	RN55D9761F		2	RESISTOR, FIXED FILM, 9.76K, 1%, 1/8W (V81349) 705-3605-470 R2320		1
162	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R2319		1
R 163	3386P1-502		2	RESISTOR, VAR 5000 OHMS, 10% (V80294) 382-0051-070 R2405		1
164	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R373		1
R 165	RW69V181		2	RESISTOR, FIXED WW, 180.0 OHMS, 5%, 3W (ESDS) (V01686) 747-5345-000 R2401		1
165A	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R3004 (EFF REV AH) SB10 TO SB16		1
R 165B	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R3004 EFF SB 16		1
165C	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R3006 SB 10 (EFF REV AH)		1
166	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2402		1
167	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2403		1
168	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R2404		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 169	RCR07G474KS		2	RESISTOR, FIXED CMPSN, 0.47MEGO, 10%, 1/4W (V81349) 745-0845-000 R395		1
170	RCR07G474KS		2	RESISTOR, FIXED CMPSN, 0.47MEGO, 10%, 1/4W (V81349) 745-0845-000 R394		1
171	RCR07G474KS		2	RESISTOR, FIXED CMPSN, 0.47MEGO, 10%, 1/4W (V81349) 745-0845-000 R393		1
172	RCR07G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 R371		1
173	RCR07G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 R370		1
173A	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R3009 SB 10 (EFF REV LTR AH)		1
173B	RCR07G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 R369		1
174	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3018 (USED ON ITEM 1B)		1
174A	RN55D1502F		2	RESISTOR, FIXED FILM, 15K, 1%, 1/8W (V81349) 705-3605-560 R3007 (EFF REV AH) SB10 TO SB16		1
R 174B	RN55D3402F		2	RESISTOR, FIXED FILM, 34K, 1%, 1/8W (V81349) 705-3605-730 R3007 EFF SB 16		1
174C	RN55E3012B		2	RESISTOR, FIXED FILM, 30.1K, 0.1%, 1/10W (V81349) 705-5976-400 R3002 SB 10 (EFF REV LTR AH)		1
174D	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R3008 SB 10 (EFF REV LTR AH)		1
174E	RN55E3012B		2	RESISTOR, FIXED FILM, 30.1K, 0.1%, 1/10W (V81349) 705-5976-400 R3003 SB 10 (EFF REV LTR AH)		1
174F	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3016 SB 10 (EFF REV LTR AH)		1
174G	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3017 SB 10 (EFF REV LTR AH)		1
174H	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3014 SB 10 (EFF REV LTR AH)		1
174J	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3015 (USED ON ITEM 1B)		1
175	RCR07G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R386		1
176	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R392		1
177	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R366		1
178	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R365		1
179	RN55E1502B		2	RESISTOR, FIXED FILM, 15K, 0.1%, 1/10W (V81349) 705-5975-810 R385		1
179A	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3019 (USED ON ITEM 1B)		1
180	RN55E8662B		2	RESISTOR, FIXED FILM, 86.6K, 0.1%, 1/10W (V81349) 705-5977-290 R384		1
181	RCR07G106KS		2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R391		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 182	RN55E1502B		2	RESISTOR, FIXED FILM, 15K, 0.1%, 1/10W (V81349) 705-5975-810 R383		1
183	RN55E8662B		2	RESISTOR, FIXED FILM, 86.6K, 0.1%, 1/10W (V81349) 705-5977-290 R382		1
184	RN55E2001B		2	RESISTOR, FIXED FILM, 2K, 0.1%, 1/10W (V81349) 705-5974-120 R381		1
185	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R380		1
186	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 R379		1
187	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 R378		1
188	RN55E2001B		2	RESISTOR, FIXED FILM, 2K, 0.1%, 1/10W (V81349) 705-5974-120 R377		1
189	RCR07G681KS		2	RESISTOR, FIXED CMPSN, 680 OHMS, 10%, 1/4W (V81349) 745-0743-000 R390 SB 8 (EFF TO REV LTR V)		1
189A	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R390 SB 8 (EFF REV V)		1
190	RN55E2612B		2	RESISTOR, FIXED FILM, 26.1K, 0.1%, 1/10W (V81349) 705-5976-280 R355		1
191	RN55E3831B		2	RESISTOR, FIXED FILM, 3.83K, 0.1%, 1/10W (V81349) 705-5974-660 R354		1
191A	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R3013 SB 10 (EFF REV LTR AH)		1
192	RN55E2612B		2	RESISTOR, FIXED FILM, 26.1K, 0.1%, 1/10W (V81349) 705-5976-280 R353		1
193	RN55E3831B		2	RESISTOR, FIXED FILM, 3.83K, 0.1%, 1/10W (V81349) 705-5974-660 R352		1
194	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R350		1
195	RN55E1721B		2	RESISTOR, FIXED FILM, 1.72K, 0.1%, 1/10W (V81349) 705-5973-980 R349		1
R 195A	RWR81SR100FR		2	RESISTOR, FIXED, WW, 0.100 OHMS, 1%, 1W (V41637) 747-2178-010 R3001 SB 10 (EFF REV LTR AH)		1
196	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 R347		1
197	RN55E1182B		2	RESISTOR, FIXED FILM, 11.8K, 0.1%, 1/10W (V81349) 705-5975-610 R345		1
198	RN55E1182B		2	RESISTOR, FIXED FILM, 11.8K, 0.1%, 1/10W (V81349) 705-5975-610 R343		1
199	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 R341		1
200	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R375		1
201	RN55E4752B		2	RESISTOR, FIXED FILM, 47.5K, 0.1%, 1/10W (V81349) 705-5976-780 R339		1
202	RN55E3742B		2	RESISTOR, FIXED FILM, 37.4K, 0.1%, 1/10W (V81349) 705-5976-580 R337		1
203	RN55E2742B		2	RESISTOR, FIXED FILM, 27.4K, 0.1%, 1/10W (V81349) 705-5976-320 R335		1
204	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R333		1
205	RN55E3742B		2	RESISTOR, FIXED FILM, 37.4K, 0.1%, 1/10W (V81349) 705-5976-580 R331		1
206	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R330		1
207	RN55E3242B		2	RESISTOR, FIXED FILM, 32.4K, 0.1%, 1/10W (V81349) 705-5976-460 R329		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 208	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0921-000 R364		1
209	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 R328		1
210	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R376		1
211	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R363		1
212	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R362		1
213	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R356		1
214	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R361 (EFF TO REV LTR AA)		1
214A	RN55D1102F		2	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000 R361 (EFF REV AA)		1
215	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R360		1
216	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R327		1
217	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R324		1
218	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R359		1
219	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R357		1
220	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R319		1
221	RN55D6810F		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000 R325		1
222	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R320		1
223	RN55D2741F		2	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 R321		1
224	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R326		1
R 225	3386P1-103		2	RESISTOR, VAR 10K, 10% (V80294) 382-0051-080 R323		1
226	RN55E5112B		2	RESISTOR, FIXED FILM, 51.1K, 0.1%, 1/10W (V81349) 705-5976-840 R332		1
227	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 R334		1
228	RN55E1372B		2	RESISTOR, FIXED FILM, 13.7K, 0.1%, 1/10W (V81349) 705-5975-730 R336		1
229	RN55E4752B		2	RESISTOR, FIXED FILM, 47.5K, 0.1%, 1/10W (V81349) 705-5976-780 R338		1
230	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 R340		1
231	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R342		1
R 232	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R301		1
-233	68NM26		2	NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (AP)		2
-234	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 (AP)		2
235	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R344		1
236	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U305 (SUPSD BY ITEM 236A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 236A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U305 (SUPSDS ITEM 236)		1
237	AD11-107		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V24355) 351-1159-040 U314 (SUPSD BY ITEM 237A)		1
237A	MP7533BD		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V54186) 351-1159-040 U314 (SUPSDS ITEM 237)		1
238	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U306 (SUPSD BY ITEM 238A)		1
238A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U306 (SUPSDS ITEM 238)		1
239	SE565F		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V18324) 351-1114-020 U301 (EFF TO REV LTR M)		1
239A	LM565H		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V27014) 351-1114-030 U301 (EFF REV M)		1
240	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U315 (SUPSD BY ITEM 240A)		1
240A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U315 (SUPSDS ITEM 240)		1
R 241	MC1536G		2	MICROCIRCUIT (ESDS) (V04713) 351-1112-010 U307		1
242	4020BDM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U302 (SUPSD BY ITEM 242A)		1
242A	CD4020BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U302 (SUPSDS ITEM 242)		1
R 243	MC1536G		2	MICROCIRCUIT (ESDS) (V04713) 351-1112-010 U308		1
244	CD4015BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8189-010 U303		1
245	698-3R10KD		2	RESISTOR NETWORK SIP, 10K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-040 U309		1
245A	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3021 (USED ON ITEM 1B)		1
245B	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R3020 (USED ON ITEM 1B)		1
246	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U316 (SUPSD BY ITEM 246A)		1
246A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U316 (SUPSDS ITEM 246)		1
247	UA348PC		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-010 U310 (SUPSD BY ITEM 247A)		1
247A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U310 (SUPSDS ITEM 247)		1
248	UA348PC		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-010 U317 (SUPSD BY ITEM 248A)		1
248A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U317 (SUPSDS ITEM 248)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	5 249	316B221	2	RESISTOR,NETWORK DIP, 220 OHMS, 5%, 1.25W PKG (ESDS) (V01121) 350-4030-160 U318		1
R	250	LM741J	2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U311		1
	251	UA348PC	2	INTEGRATED CIRCUIT AMPLIFIER,OPRTNL (V07263) 351-1262-010 U304 (SUPSD BY ITEM 251A)		1
	251A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U304 (SUPSDS ITEM 251)		1
R	252	LM741J	2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U312		1
	253	LM117KSTL	2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2301 (SUPSD BY ITEM 253A)		1
R	253A	LM117K	2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2301 (SUPSDS ITEM 253)		1
R	-254	313-0132-000	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 254A)		2
R	-254A	NAS671C4	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 254)		2
R	-255	4704-04-01-4102	2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		2
	-256	NAS620C4L	2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
	-257	43-02-9	2	INSULATOR,PL (V13103) 352-9605-140 (AP) (SUPSD BY ITEM 257A)		1
	-257A	43-03-8	2	INSULATOR,PL (V13103) 352-9605-140 (AP) (SUPSDS ITEM 257)		1
	-258	MS51957-16	2	SCREW,MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
	259	MPQ6001	2	INTEGRATED CIRCUIT TRANSISTOR ARRAY (ESDS) (V04713) 351-0053-010 U319		1
R	260	LM117H	2	MICROCIRCUIT (V27014) 351-1271-020 U2303		1
	261	LM120H8-0	2	INTEGRATED CIRCUIT VOLT REGULATOR (V27014) 351-1218-050 U2304 (SUPSD BY ITEM 261A)		1
	261A	SG120T8	2	INTEGRATED CIRCUIT VOLT REGULATOR (V34333) 351-1218-050 U2304 (SUPSDS ITEM 261)		1
	262	6483-1R	2	HEATSINK (V98978) 352-9604-030		2
	-263	MS51957-3	2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000 (AP)		2
	-263A	302-4800-000	2	WASHER,NM FBR, 0.116ID X 1/4 OD (V74921) (AP) (SUPSD BY ITEM 263B)		2
	-263B	302-4800-000	2	WASHER,NM FBR, 0.116ID X 1/4 OD 302-4800-000 is REF No. for V74921 FBR0-116IDX1-40D (AP) (SUPSDS ITEM 263A)		2
	264	JANTXIN4616	2	SEMICONV DEVICE (V81350) 353-9039-020 VR2301		1
	265	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U2306 (SUPSD BY ITEM 265A)		1
R	265A	SG3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U2306 (SUPSDS ITEM 265)		1
	266	LM120K12	2	MICROCIRCUIT VOLT REGULATOR (V27014) 351-1218-020 U2305		1
R	-267	313-0132-000	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V77250) (AP) (SUPSD BY ITEM 267A)		2
R	-267A	NAS671C4	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP) (SUPSDS ITEM 267)		2
R	-268	4704-04-01-4102	2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT NUMBER	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5-269	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		1
-270	43-02-9		2	INSULATOR,PL (V13103) 352-9605-140 (AP) (SUPSD BY ITEM 270A)		1
-270A	43-03-8		2	INSULATOR,PL (V13103) 352-9605-140 (AP) (SUPSDS ITEM 270)		1
-271	MS51957-16		2	SCREW,MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
272	ER499		2	TRANSFORMER,AUDIO (V80223) 677-0035-000 T2301		1
273	ER499		2	TRANSFORMER,AUDIO (V80223) 677-0035-000 T2302		1
274	6009-8A		2	CLIP, COMPONENT (V91506) 139-2336-000 XT2301,XT2302		2
R -275	MS16535-76		2	RIVET,TUBULAR AL, 0.089 DIA X 0.125 (V96906) 305-1755-000 (AP)		2
276	RM723T		2	INTEGRATED CIRCUIT V RGLTR (V49956) 351-1035-010 U2307 (SUPSD BY ITEM 276A)		1
R 276A	CA723T		2	INTEGRATED CIRCUIT V RGLTR (V02735) 351-1035-010 U2307 (SUPSDS ITEM 276)		1
R 277	635-5563-001		2	STIFFENER, CENTER CENTER EFF TO SB 5		1
R 277A	635-5563-003		2	STIFFENER EFF SB 5		1
-278	MS51957-15		2	SCREW,MACHINE STL, 4-40 X 3/8 (V96906) 343-0135-000 (AP)		3
-280	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		3
-281	546-3039-003		2	WASHER, FLAT (AP)		2
R -282	333-0839-000		3	NUT,SFLKLG,CLINCH CD PL STL, 4-40 (VD0116) (AP) (SUPSD BY ITEM 282A)		4
-282A	M45938-5-3		3	NUT,SFLKLG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (AP) (SUPSDS ITEM 282)		4
R 283	635-5563-002		3	STIFFENER EFF TO SB 5		1
R 283A	635-5563-004		3	STIFFENER EFF SB 5		1
284	42394		2	TRANSFORMER, AUD (V73386) 667-0298-010 T2401		1
285	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U2401 (SUPSD BY ITEM 285A)		1
285A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U2401 (SUPSDS ITEM 285)		1
R 286	1N973B		2	DIODE (V04713) 353-3184-000 VR2401		1
287	314A563		2	RESISTOR NETWORK DUAL-IN-LINE, 56K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-100 U324 (USED ON ITEM 1A)EFF TO REV AH)		1
287A	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U341 SB 10 (EFF REV AH) (SUPSD BY ITEM 287B)		1
287B	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U341 (SUPSDS ITEM 287A)		1
288	MC14502BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8334-010 U335		1
R 289	435668-8		2	SWITCH,DUAL PKG (V00779) 266-0243-250 S301 EFF TO SB 10		1
289A	435668-3		2	SWITCH,DUAL PKG (V00779) 266-0243-260 S301 (EFF SB10 TO SB19)		1
R 289C	435238-1		2	SWITCH, DIP (V00779) 266-0243-470 (DELETED BY REVISION)		1
R 290	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U340 SB 21 (SUPSD BY 290A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	5 290A	652-5961-001	2	INTEGRATED CIRCUIT U340 (SB 21) (COATED WITH HUMISEAL) (SUPSDS 290)		1
R	291	ISW3800-40BW	2	SOCKET, IC (V23880) 220-0075-150 XU340 EFF TO SB 18		1
R	291A	540AG10D	2	SOCKET, IC (V91506) 220-0067-110 XU340 EFF SB 18		1
	292	CD4071BMJ	2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V27014) 351-8306-010 U330 (SUPSD BY ITEM 292A)		1
	292A	MC14071BAL	2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V04713) 351-8306-010 U330 (SUPSDS ITEM 292)		1
	293	CD4042BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8201-030 U334		1
R	294	629-6758-001	2	STIFFENER, CENTER EFF TO SB 5		1
R	294A	641-0482-001	2	STIFFENER EFF SB 5		1
	-296	MS51957-14	2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000 (AP)		3
	-297	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		3
	-298	546-3039-003	2	WASHER, FLAT (AP)		1
R	299	333-0839-000	3	NUT, SLFLKG, CLINCH CD PL STL, 4-40 (VD0116) (SUPSD BY ITEM 299A)		5
	299A	M45938-5-3	3	NUT, SLFLKG, CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS ITEM 299)		5
R	300	629-6758-002	3	STIFFENER EFF TO SB 5		1
R	300A	641-0482-002	3	STIFFENER EFF SB 5		1
	301	290-9606-000M21	2	CRYSTAL UNIT, QTZ 3.200000MHZ (V00136) 290-9606-000 Y301		1
	302	CD4049MJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U329 (SUPSD BY 302A)		1
	302A	CD4049UBF	2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U329 (SUPSDS ITEM 302)		1
	303	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U333		1
	304	1N758A	2	SEMICONV DEVICE (V14433) 353-2724-000 VR302		1
	305	638-3049-001	2	INTEGRATED CKT U339 SB 10 (EFF TO REV LTR AH)		1
	305A	638-3049-002	2	INTEGRATED CKT SINE COSINE PROM U339 SB 10 (EFF REV AH)		1
	305B	638-3049-003	2	INTEGRATED CKT SINE COSINE PROM U339 (DIRECT REPLACEMENT FOR ITEM 305A)		1
	306	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U323 (SUPSD BY ITEM 306A)		1
	306A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U323 (SUPSDS ITEM 306)		1
	307	314A103	2	RESISTOR NETWORK DUAL-IN-LINE, 10K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-120 U322		1
	308	MC14028BAL	2	INTEGRATED CIRCUIT DECODER (ESDS) (V04713) 351-8273-010 U338 (SUPSD BY ITEM 308A)		1
	308A	CD4028BMJ	2	INTEGRATED CIRCUIT DECODER (ESDS) (V27014) 351-8273-010 U338 (SUPSDS ITEM 308)		1
	309	CDP1824D	2	MICROCIRCUIT (ESDS) (V02735) 351-8507-020 U337		1
	310	MC14508BAL	2	MICROCIRCUIT (ESDS) (V04713) 351-8180-010 U332		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
5 311	MC14508BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8180-010 U336		1
312	MC14508BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8180-010 U331		1
R 313	AD11-99		2	MICROCIRCUIT (ESDS) (V24355) 351-1159-030 U326		1
R 314	AD11-99		2	MICROCIRCUIT (ESDS) (V24355) 351-1159-030 U325		1
R 315	AD11-99		2	MICROCIRCUIT (ESDS) (V24355) 351-1159-030 U320		1
R 316	AD11-99		2	MICROCIRCUIT (ESDS) (V24355) 351-1159-030 U321		1
317	AD11-107		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V24355) 351-1159-040 U313 (SUPSD BY ITEM 317A)		1
317A	MP7533BD		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V54186) 351-1159-040 U313 (SUPSDS ITEM 317)		1
318	629-6757-001		2	STIFFENER, CENTER		1
-319	MS51959-14		2	SCREW,MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000 (AP)		4
320	629-6753-001		2	CHASSIS		1
-321	MS51957-13		2	SCREW,MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000 (AP)		5
-322	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (AP)		5
323	FHS440-4		3	STUD,SELF-CL SST, 4-40 X 1/4 (V46384) 330-1717-010 (SUPSD BY ITEM 323A)		2
R 323A	RKTS440-4		3	STUD,SELF-CL SST, 4-40 X 1/4 (V30343) 330-1717-010 (SUPSDS ITEM 323)		2
R 324	333-0839-000		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (VD0116) (SUPSD BY ITEM 324A)		18
324A	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000 (SUPSDS ITEM 324)		18
325	629-6753-002		3	CHASSIS		1
R 326	TSW3800-16BW		2	SOCKET,IC (V23880) 220-0075-030 XU334 EFF TO SB 18		1
327	200-1127-030		2	STRIP,RUBBER		2
R 328	TSW3800-24BW		2	SOCKET,IC (V23880) 220-0075-050 XU331 EFF TO SB 18		1
329	200-1127-050		2	STRIP,RUBBER		8
R 330	TSW3800-24BW		2	SOCKET,IC (V23880) 220-0075-050 XU332 EFF TO SB 18		1
R 331	TSW3800-24BW		2	SOCKET,IC (V23880) 220-0075-050 XU336 EFF SB 18		1
R 332	TSW3800-24BW		2	SOCKET,IC (V23880) 220-0075-050 XU339 EFF TO SB 18		1
333	200-1127-070		2	STRIP,RUBBER		2
R 334	TSW3800-18BW		2	SOCKET,IC (V23880) 220-0075-090 XU337 EFF TO SB 18		1
335	200-1127-090		2	STRIP,RUBBER		1
336	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045		17
R 337	TSW3800-16BW		2	SOCKET,IC (V23880) 220-0075-030 XU335 EFF TO SB 18		1
338	200-1127-030		2	STRIP,RUBBER		2
R 339	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 EFF SB 10		2
340	NA1104-071		2	CONTACT, ELECTRICAL (V57863) 372-2601-071 (USED ON ITEM 1B)		2
R 341	CME36		2	EYELET,FLGD FL BRS, 0.072 DIA X 0.093 (V04264) 307-0003-030 (USED ON ITEM 1B) (SUPSD BY ITEM 341A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

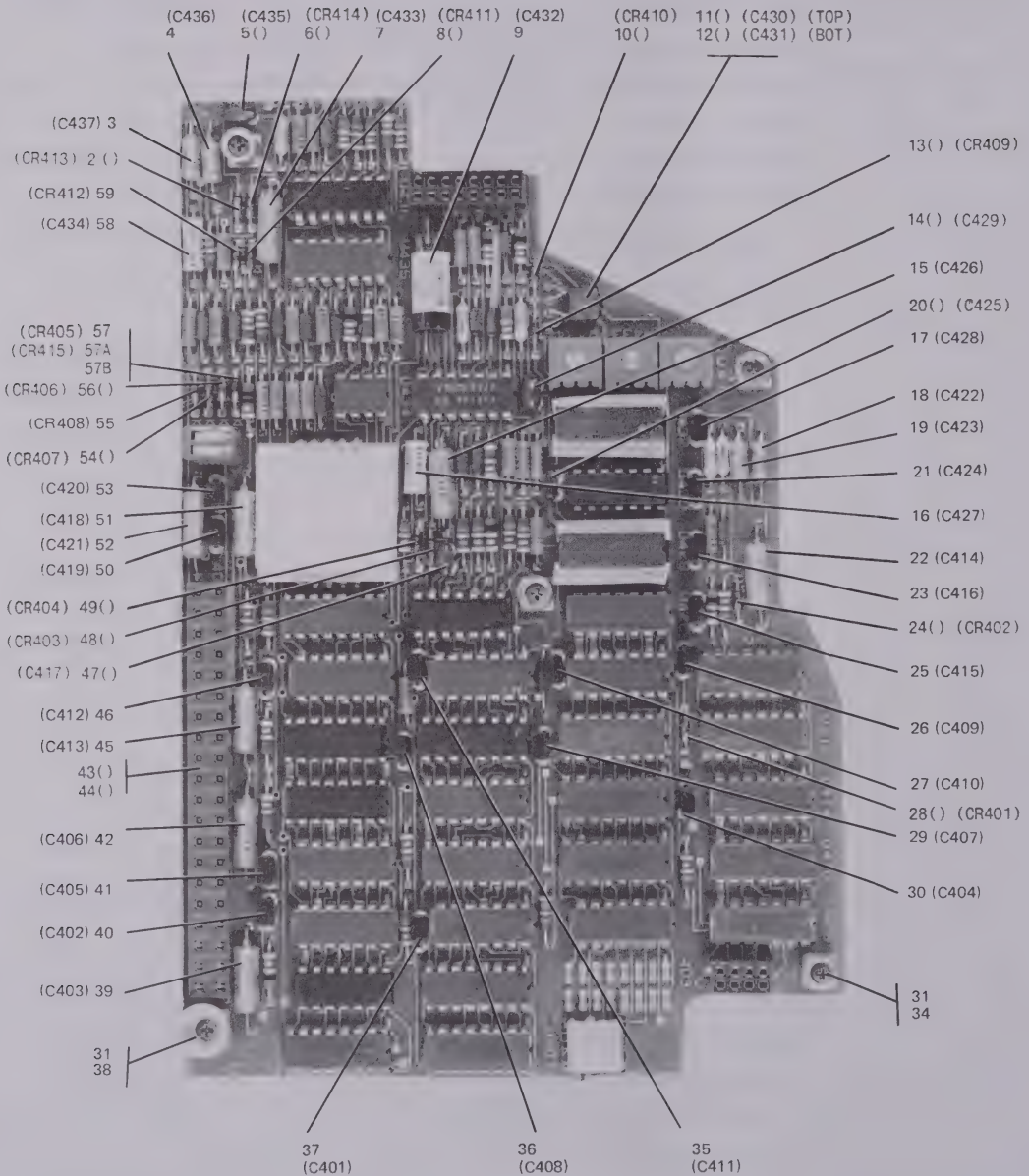
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 5 341A	CME36B		2	EYELET, FLGD FL BRS, 0.072 DIA X 0.093 (V04264) 307-0003-030 (USED ON ITEM 1B) (SUPSDS ITEM 341)		1
-342	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089 (USED ON ITEM 1B)		16

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

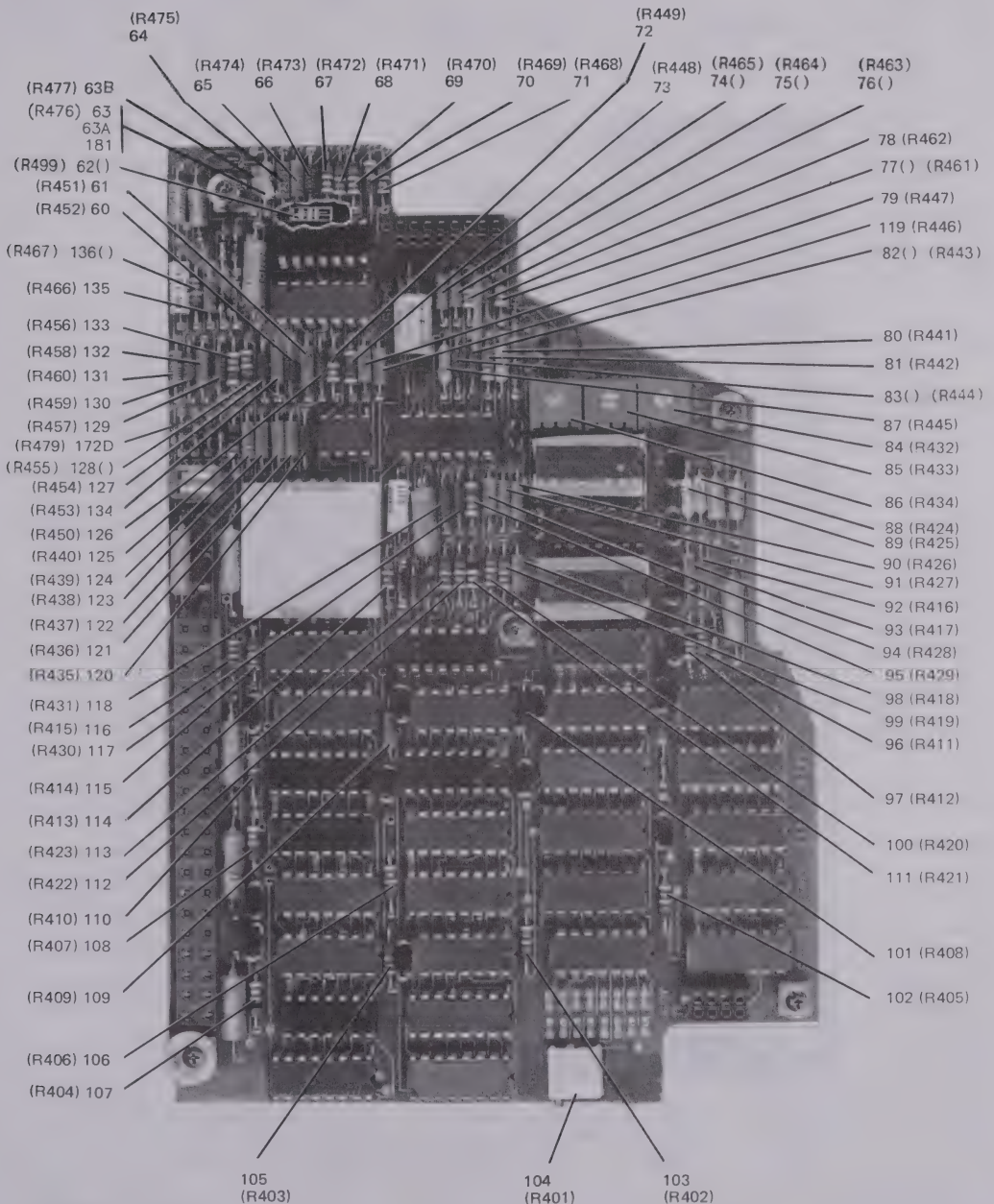


TP5-5141-037

Digital Instrumentation Circuit Card Assembly A4
Figure 6 (Sheet 1 of 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

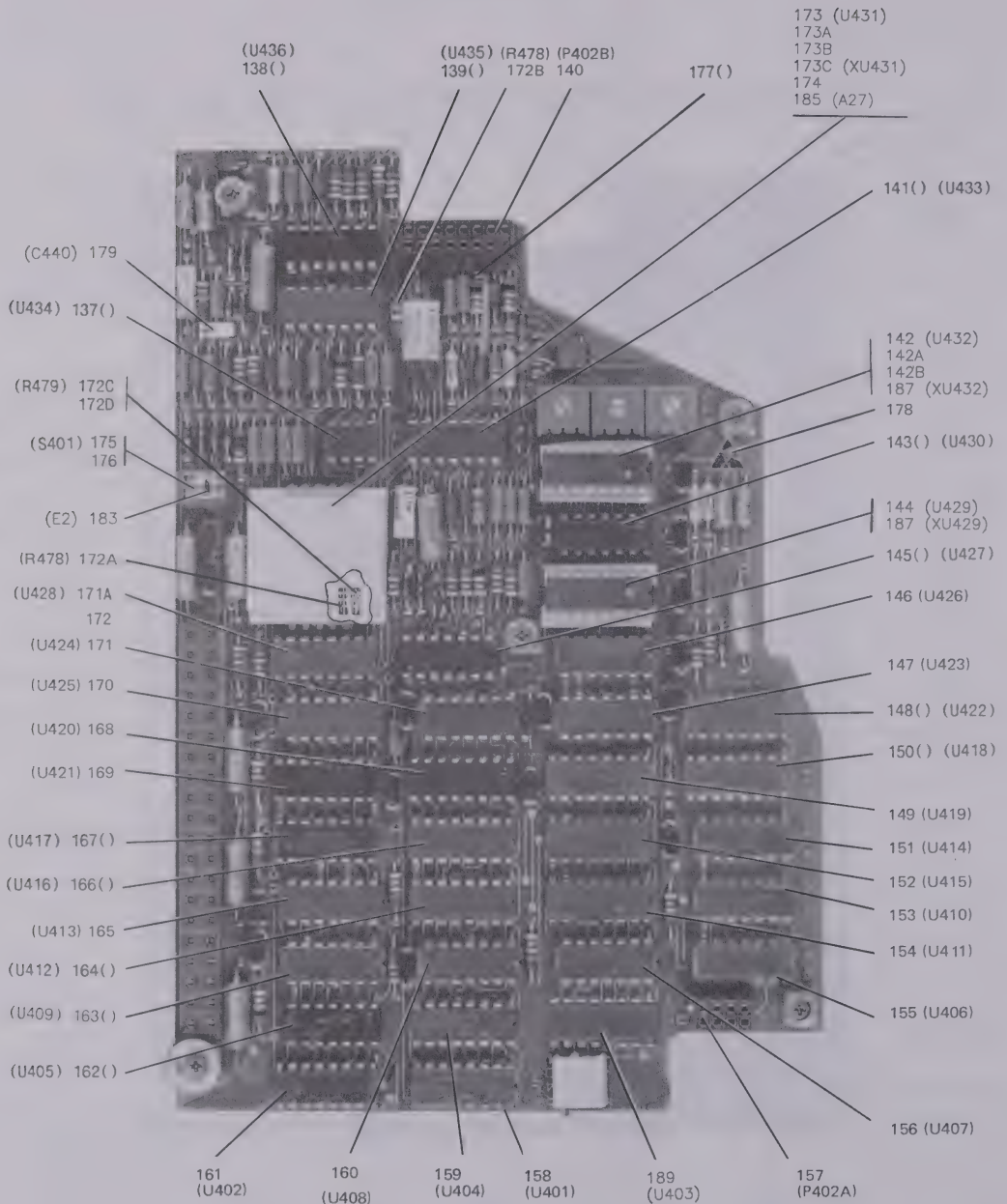


TP5-5141-037

Digital Instrumentation Circuit Card Assembly A4
 Figure 6 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5141-037

Digital Instrumentation Circuit Card Assembly A4
 Figure 6 (Sheet 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6-1A	601-4204-001		1	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 1-9,9D,9G FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	RF
-1B	601-4204-003		1	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 1-9A,9E,9H FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	RF
R -1C	642-4204-001		1	CIRCUIT CARD ASSY, DIGITAL INSTRUMENTATION A4 (SEE FIG 1-9B,9C,9F,9J FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 2	1N4454		2	DIODE (V12969) 353-3644-010 CR413 (SUPSD BY ITEM 2A)		1
2A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR413 (SUPSDS ITEM 2)		1
3	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C437		1
4	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C436		1
5	CD5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V93790) 912-4141-380 C435 (USED ON ITEMS 1A AND 1B) (SUPSD BY ITEM 5A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 5A	DM5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V61306) 912-4141-380 C435 (USED ON ITEMS 1A AND 1B) (SUPSD BY 5E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 5B	DM5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V61306) 912-4141-380 C435 (USED ON ITEM 1C) (SUPSD BY ITEM 5C)		1
R 5C	913-1098-500		2	CAPACITOR, FIXED CER DIEL, 120PF, 5%, 100VDC 913-1098-500 is REF No. for V72982 RPE111C0G121J100V C435 (USED ON ITEM 1C) (SUPSDS ITEM 5B)		1
R -5E	DM5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V81349) 912-4141-380 (USED ON 1A/1B) (SUPSDS 5A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 6	1N4454		2	DIODE (V12969) 353-3644-010 CR414 (SUPSD BY ITEM 6A)		1
6A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR414 (SUPSDS ITEM 6)		1
7	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C433		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 6 8	1N4454		2	DIODE (V12969) 353-3644-010 CR411 (SUPSD BY ITEM 8A)		1
8A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR411 (SUPSDS ITEM 8)		1
9	CRC1-200		2	CAPACITOR, FIXED PLSTC DIE, 1UF, 10%, 50V (V04099) 933-1081-200 C432		1
R 10	1N4454		2	DIODE (V12969) 353-3644-010 CR410 (SUPSD BY ITEM 10A)		1
10A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR410 (SUPSDS ITEM 10)		1
11	8131-100C0G222J		2	CAPACITOR, FIXED CER DIE, 2200PF, 5%, 100V (V18796) 913-3281-300 C430 (SUPSD BY ITEM 11A)		1
R 11A	300-100NP0-222J		2	CAPACITOR, FIXED CER DIE, 2200PF, 5%, 100V (V51642) 913-3281-300 C430 (SUPSDS ITEM 11)		1
12	8131-100C0G222J		2	CAPACITOR, FIXED CER DIE, 2200PF, 5%, 100V (V18796) 913-3281-300 C431 (SUPSD BY ITEM 12A)		1
R 12A	300-100NP0-222J		2	CAPACITOR, FIXED CER DIE, 2200PF, 5%, 100V (V51642) 913-3281-300 C431 (SUPSDS ITEM 12)		1
R 13	1N4454		2	DIODE (V12969) 353-3644-010 CR409 (SUPSD BY ITEM 13A)		1
13A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR409 (SUPSDS ITEM 13)		1
14	DM5F401J050WV		2	CAPACITOR, FXD MICA DIE, 400PF, 5%, 50V (V72136) 912-4141-520 C429 (USED ON ITEMS 1A AND 1B) (SUPSD BY ITEM 14A)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
R 14A	DM5FY401J0		2	CAPACITOR, FXD MICA DIE, 400PF, 5%, 50V (V61306) 912-4141-520 C429 (USED ON ITEMS 1A AND 1B) (SUPSD BY 14E)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
R 14B	DM5FY401J0		2	CAPACITOR, FXD MICA DIE, 400PF, 5%, 50V (V61306) 912-4141-520 C429 (USED ON ITEM 1C) (SUPSD BY ITEM 14C)		1
R 14C	200-100NP0-391K		2	CAPACITOR, FIXED CER DIE, 390PF, 10%, 100VDC (V51642) 913-3281-060 C429 (USED ON ITEM 1C) (SUPSDS ITEM 14B)		1
R -14E	DM5FY401J0		2	CAPACITOR, FXD MICA DIE, 400PF, 5%, 50V (V81349) 912-4141-520 (USED ON 1A/1B) (SUPSDS 14A)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
15	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C426		1
R 16	CRC1-370		2	CAPACITOR, FIXED PLSTC DIE, 0.01UF, 10%, 200V (V04099) 933-1081-370 C427 (USED ON 1A/1B)	A, B, C, D F, G, H, J K, L, M, N P, Q, R, T U, V, W, X	1
R -16A	CRC1-370		2	CAPACITOR, FIXED PLSTC DIE, 0.01UF, 10%, 200V (V04099) 933-1081-370 (USED ON 1C) (SUPSD BY 16B)		1
R -16B	CFR05ARC103KM		2	CAPACITOR, FIXED CER DIE, 0.02MF, 10%, 200V (V50558) 933-1412-470 (USED ON 1C) (SUPSDS 16A)		1
17	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C428		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 18	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C422		1
19	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C423		1
20	CD5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V93790) 912-4141-430 C425 (USED ON ITEMS 1A AND 1B) (SUPSD BY ITEM 20A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 20A	DM5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V61306) 912-4141-430 C425 (USED ON ITEMS 1A AND 1B) (SUPSD BY 20E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 20B	DM5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V61306) 912-4141-430 C425 (USED ON ITEM 1C) (SUPSD BY ITEM 20C)		1
R 20C	913-1098-510		2	CAPACITOR, FIXED CER DIEL, 180PF, 5%, 100VDC 913-1098-510 is REF No. for V72982 RPE111C0G181J100V C425 (USED ON ITEM 1C) (SUPSDS ITEM 20B)		1
R -20E	DM5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V81349) 912-4141-430 (USED ON 1A/1B) (SUPSDS 20A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
21	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C424		1
22	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C414		1
23	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C416		1
R 24	1N4454		2	DIODE (V12969) 353-3644-010 CR402 (SUPSD BY ITEM 24A)		1
24A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR402 (SUPSDS ITEM 24)		1
25	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C415		1
R 26	CK05BX100K		2	CAPACITOR, FIXED CER DIEL, 10PF, 10%, 200V (V81349) 913-5019-010 C409		1
27	CK05BX222K		2	CAPACITOR, FIXED CER DIEL, 2200PF, 10%, 100V (V81349) 913-5019-120 C410		1
R 28	1N4454		2	DIODE (V12969) 353-3644-010 CR401 (SUPSD BY ITEM 28A)		1
28A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR401 (SUPSDS ITEM 28)		1
29	CK05BX222K		2	CAPACITOR, FIXED CER DIEL, 2200PF, 10%, 100V (V81349) 913-5019-120 C407		1
R 30	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C404		1
31	629-6561-013		2	SCREW		5
-32	310-0278-000		2	WASHER, LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		5
R -33	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 33A)		5
R -33A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 33)		5
34	635-5715-001		2	POST		1
35	CK05BX222K		2	CAPACITOR, FIXED CER DIEL, 2200PF, 10%, 100V (V81349) 913-5019-120 C411		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	6 36	CK05BX222K	2	CAPACITOR, FIXED CER DIELECTRIC, 2200PF, 10%, 100V (V81349) 913-5019-120 C408		1
R	37	CK05BX103K	2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C401		1
	38	608-6430-003	2	POST		4
	39	M39003-01-2257	2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C403		1
	40	CK05BX104K	2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C402		1
	41	CK05BX104K	2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C405		1
	42	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C406		1
	43	372-2624-029	2	HOUSING, CONNECTOR ELEC P401 (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	43A	372-2624-029	2	HOUSING, CONNECTOR ELEC P401 (USED ON ITEM 1C) (SUPSD BY ITEM 43B)		1
	43B	102645-5	2	CONNECTOR, ELEC (V00779) 372-2334-210 P401 (USED ON ITEM 1C) (SUPSDS ITEM 43A)		1
	44	372-2252-020	2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	40
R	44A	372-2252-020	2	CONTACT, ELECTRICAL (V57863) (DELETED BY REV) (USED ON ITEM 1C)		40
	45	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C413		1
R	46	CK05BX103K	2	CAPACITOR, FIXED CER DIELECTRIC, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C412		1
	47	CD5FY121J0	2	CAPACITOR, FXD MICA DIELECTRIC, 120PF, 5%, 50V CAPACITOR, FIXED (V93790) 912-4141-380 C417 (USED ON ITEMS 1A AND 1B) (SUPSD BY ITEM 47A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	47A	DM5FY121J0	2	CAPACITOR, FXD MICA DIELECTRIC, 120PF, 5%, 50V CAPACITOR, FIXED (V61306) 912-4141-380 C417 (USED ON ITEMS 1A AND 1B) (SUPSD BY 47E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	47B	DM5FY121J0	2	CAPACITOR, FXD MICA DIELECTRIC, 120PF, 5%, 50V CAPACITOR, FIXED (V61306) 912-4141-380 C417 (USED ON 1C) (SUPSD BY 47C)		1
R	47C	913-1098-500	2	CAPACITOR, FIXED CER DIELECTRIC, 120PF, 5%, 100VDC 913-1098-500 is REF No. for V72982 RPE111C0G121J100V C417 (USED ON ITEM 1C) (SUPSDS ITEM 47B)		1
R	-47E	DM5FY121J0	2	CAPACITOR, FXD MICA DIELECTRIC, 120PF, 5%, 50V CAPACITOR, FIXED (V81349) 912-4141-380 (USED ON 1A/1B) (SUPSDS 47A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	48	1N4454	2	DIODE (V12969) 353-3644-010 CR403 (SB A25)		1
R	49	1N4454	2	DIODE (V12969) 353-3644-010 CR404 (SB A25)		1
	50	CK05BX104K	2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C419		1
	51	M39003-01-2257	2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C418		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 52	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C421		1
53	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C420		1
R 54	1N4454		2	DIODE (V12969) 353-3644-010 CR407 (SUPSD BY ITEM 54A)		1
54A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR407 (SUPSDS ITEM 54)		1
R 55	1N4454		2	DIODE (V12969) 353-3644-010 CR408 (USED ON ITEM 1A)(EFF TO REV N)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	1
R 56	1N4454		2	DIODE (V12969) 353-3644-010 CR406 (SUPSD BY ITEM 56A)		1
56A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR406 (SUPSDS ITEM 56)		1
R 57	1N4454		2	DIODE (V12969) 353-3644-010 CR405 (USED ON ITEM 1A)(EFF TO REV N)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	1
R 57A	1N4454		2	DIODE (V12969) 353-3644-010 CR415 ADDED BY REV (SUPSD BY 57B)		1
57B	1N4454-1		2	DIODE (V12969) 353-3644-010 CR415 (SUPSDS ITEM 57A)		1
R 58	CRC1-370		2	CAPACITOR, FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 C434 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R -58A	CRC1-370		2	CAPACITOR, FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 (USED ON 1C) (SUPSD BY 58B)		1
R -58B	CFR05ARC103KM		2	CAPACITOR, FIXED CER DIEL, 0.02MF, 10%, 200V (V50558) 933-1412-470 (USED ON 1C) (SUPSDS 58A)		1
R 59	1N4454		2	DIODE (V12969) 353-3644-010 CR412 (SUPSD BY ITEM 59A)		1
59A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR412 (SUPSDS ITEM 59)		1
R 60	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R452 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R -60A	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 (USED ON 1C) (SUPSD BY 60B)		1
R -60B	RN55D8871F		2	RESISTOR, FIXED FILM, 8.87K, 1%, 1/8W (V81349) 705-3605-450 (USED ON 1C) (SUPSDS 60A)		1
61	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R451		1
R 62	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R499 (USED ON 1A) EFF TO SB 8	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 62A	RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R499 SB 14 (USED ON ITEM 1A) (EFFECT SB8 TO SB14)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	1
R 63	RN55D3011F		2	RESISTOR, FIXED FILM, 3.01K, 1%, 1/8W (V81349) 705-1019-000 R476 SB 14 (USED ON 1A/1B) (SUPSD BY ITEM 63A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 63A	RN55D5621F		2	RESISTOR, FIXED FILM, 5.62K, 1%, 1/8W (V81349) 705-1032-000 R476 SB 14 (USED ON 1A/1B) (SUPSDS ITEM 63)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 63B	RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R477 SB 14 (USED ON ITEMS 1A AND 1B) (DELETED BY REVISION)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
64	RN55D2262F		2	RESISTOR, FIXED FILM, 22.6K, 1%, 1/8W (V81349) 705-1061-000 R475		1
65	RN55D6192F		2	RESISTOR, FIXED FILM, 61.9K, 1%, 1/8W (V81349) 705-1082-000 R474		1
66	RN55D2052F		2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R473		1
67	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R472		1
68	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R471		1
69	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R470		1
70	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R469		1
71	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R468		1
72	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R449		1
73	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R448		1
74	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R465 SB 8 (SUPSD BY ITEM 74A)		1
74A	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R465 SB 8 (SUPSDS ITEM 74)		1
75	RN55D2003F		2	RESISTOR, FIXED FILM, 200K, 1%, 1/8W (V81349) 705-3604-150 R464 SB 8 (SUPSD BY ITEM 75A)		1
75A	RN55D3162F		2	RESISTOR, FIXED FILM, 31.6K, 1%, 1/8W (V81349) 705-1068-000 R464 (SUPSD BY ITEM 75B)		1
75B	RN55D7151F		2	RESISTOR, FIXED FILM, 7.15K, 1%, 1/8W (V81349) 705-1037-000 R464 SB 14 (SUPSDS ITEMS 75 AND 75A)		1
76	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R463 (SUPSD BY ITEM 76A)		1
76A	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R463 (SUPSDS ITEM 76)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 77	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R461 SB 14 (SUPSD BY ITEM 77A)		1
77A	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R461 SB 14 (SUPSDS ITEM 77)		1
78	RN55D7322F		2	RESISTOR, FIXED FILM, 73.2K, 1%, 1/8W (V81349) 705-3605-890 R462		1
79	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R447		1
80	RN55D3651F		2	RESISTOR, FIXED FILM, 3.65K, 1%, 1/8W (V81349) 705-1023-000 R441		1
81	RCR07G683KS		2	RESISTOR, FIXED CMPSN, 68K, 10%, 1/4W (V81349) 745-0815-000 R442		1
82	RN55D2052F		2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R443 (SUPSD BY ITEM 82A)		1
82A	RN55D1052F		2	RESISTOR, FIXED FILM, 10.5K, 1%, 1/8W (V81349) 705-1045-000 R443 (SUPSDS ITEM 82)		1
83	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R444 SB 8 (SUPSD BY ITEM 83A)		1
83A	RN55D6191F		2	RESISTOR, FIXED FILM, 6.19K, 1%, 1/8W (V81349) 705-1034-000 R444 SB 8 (SUPSDS ITEM 83)		1
R 84	3386P1-503		2	RESISTOR, VAR 50K, 10% (V80294) 382-0051-100 R432		1
R 85	3386P1-104		2	RESISTOR, VAR 100K, 10% (V80294) 382-0051-110 R433		1
R 86	3386P1-202		2	RESISTOR, VAR 2000 OHMS, 10% (V80294) 382-0051-060 R434		1
87	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 R445		1
88	RN55D2151F		2	RESISTOR, FIXED FILM, 2.15K, 1%, 1/8W (V81349) 705-1012-000 R424		1
89	RN55D2151F		2	RESISTOR, FIXED FILM, 2.15K, 1%, 1/8W (V81349) 705-1012-000 R425		1
90	RN55D3012F		2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R426		1
91	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R427		1
92	RN55D4531F		2	RESISTOR, FIXED FILM, 4.53K, 1%, 1/8W (V81349) 705-3605-310 R416		1
93	RN55D4122F		2	RESISTOR, FIXED FILM, 41.2K, 1%, 1/8W (V81349) 705-3605-770 R417		1
94	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R428		1
95	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R429		1
96	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R411		1
97	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R412		1
98	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R418		1
99	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R419		1
100	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R420		1
101	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R408		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 102	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R405		1
103	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R402		1
R 104	64P503		2	RESISTOR, VAR, NWW, 50K, 10%, 1/2W (V02111) 382-0052-130 R401 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R -104A	3292P1-503		2	RESISTOR, VAR, NWW, 50K, 10%, 1/2W (V80294) 382-0052-130 (USED ON 1C) (SUPSD BY 104B)		1
R -104B	RJ24CP503		2	RESISTOR, VARIABLE NONWIRE-WOUND, 50K, 10%, 1/2W (V32997) 380-1080-130 (USED ON 1C) (SUPSDS 104A)		1
105	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R403		1
106	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R406		1
107	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R404		1
108	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R407		1
109	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R409		1
110	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R410		1
111	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R421		1
112	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R422		1
113	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R423		1
114	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R413		1
115	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R414		1
116	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R415		1
117	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R430		1
118	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R431		1
119	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R446		1
R 120	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R435 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R -120A	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 (USED ON 1C) (SUPSD BY 120B)		1
R -120B	RN55D8871F		2	RESISTOR, FIXED FILM, 8.87K, 1%, 1/8W (V81349) 705-3605-450 (USED ON 1C) (SUPSDS 120A)		1
121	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R436		1
122	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R437		1
123	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R438		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
6 124	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R439		1
125	RCR07G100KS		2	RESISTOR, FIXED CMPSN, 10 OHMS, 10%, 1/4W (V81349) 745-0677-000 R440		1
126	RN55D5622F		2	RESISTOR, FIXED FILM, 56.2K, 1%, 1/8W (V81349) 705-1080-000 R450		1
127	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R454		1
128	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R455 SB 8 (SUPSD BY ITEM 128A)		1
128A	RN55D2262F		2	RESISTOR, FIXED FILM, 22.6K, 1%, 1/8W (V81349) 705-1061-000 R455 SB 8 (SUPSDS ITEM 128)		1
129	RN55D2052F		2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R457		1
130	RN55D2052F		2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R459		1
131	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R460		1
132	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R458		1
133	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R456		1
134	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R453		1
135	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R466		1
136	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R467 (SUPSD BY ITEM 136A)		1
136A	RCR05G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/8W (V81349) 745-2392-000 R467 SB 8 (SUPSDS ITEM 136)		1
137	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U434 (USED ON ITEMS 1A AND 1B) (SUPSD BY ITEM 137A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
137A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U434 (USED ON ITEMS 1A AND 1B) (SUPSDS ITEM 137)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	137B	MC1558U	2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U434 (USED ON ITEM 1C) (SUPSD BY 137C)		1
R	137C	RM4558DE	2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U434 (USED ON ITEM 1C) (SUPSDS ITEM 137B)		1
R	138	LM139J	2	MICROCIRCUIT, LINEAR (ESDS) (V04713) 351-1122-030 U436 (SUPSD BY ITEM 138A)		1
R	138A	LM139J	2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U436 (SUPSDS ITEM 138)		1
	139	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U435 (SUPSD BY ITEM 139A)		1
R	139A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U435 (SUPSD BY 139B)		1
R	-139B	0P11AY	2	MICROCIRCUIT (ESDS) (V24355) 835-0168-010 (SUPSDS 139A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	6 140	86418-5	2	CONNECTOR, RCPT (V00779) 372-0033-020 P402B		1
	141	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U433 (SUPSD BY ITEM 141A)		1
R	141A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U433 (SUPSD BY 141B)		1
R	-141B	0P11AY	2	MICROCIRCUIT (ESDS) (V24355) 835-0168-010 (SUPSDS 141A)		1
R	142	CD4046BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U432 (USED ON ITEMS 1A AND 1B) (SUPSD BY 142D)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	142A	CD4046BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U432 (USED ON ITEM 1C) (SUPSD BY ITEM 142B)		1
R	142B	CD4046BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8259-030 U432 (USED ON ITEM 1C) (SUPSDS ITEM 142A)		1
R	-142D	CD4046BF	2	MICROCIRCUIT (ESDS) (V34371) 351-8259-010 (USED ON 1A/1B) (SUPSDS 142)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	143	MC14024BAL	2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U430 (SUPSD BY ITEM 143A)		1
	143A	CD4024BF	2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U430 (SUPSDS ITEM 143)		1
R	144	CD4046BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U429 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	-144B	CD4046BF	2	MICROCIRCUIT (ESDS) (V34371) 351-8259-010 (USED ON 1C) (SUPSD BY 144C)		1
R	-144C	CD4046BF	2	MICROCIRCUIT (ESDS) (V34371) 351-8259-030 (USED ON 1C) (SUPSDS 144B)		1
	145	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U427 (SUPSD BY ITEM 145A)		1
R	145A	LM139J	2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U427 (SUPSDS ITEM 145)		1
R	146	SCL4013BC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U426		1
	147	MC14077BAL	2	MICROCIRCUIT (ESDS) (V04713) 351-8418-010 U423		1
	148	CD4029BF	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U422 (SUPSD BY ITEM 148A)		1
	148A	MC14029BAL	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U422 (SUPSDS ITEM 148)		1
	149	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U419		1
	150	CD4022BMJ	2	INTEGRATED CIRCUIT ARRAY (ESDS) (V27014) 351-8187-010 U418 (SUPSD BY ITEM 150A)		1
R	150A	CD4022BF	2	INTEGRATED CIRCUIT ARRAY (ESDS) (V02735) 351-8187-010 U418 (SUPSDS ITEM 150)		1
R	151	SCL4013BC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U414		1
	152	CD4520BMJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8296-010 U415		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 6 153	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U410		1
154	CD4520BMJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8296-010 U411		1
155	CD4085BF		2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U406		1
R 156	SCL4001UBC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-010 U407		1
R 157	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 P402A		1
158	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U401		1
R 159	4021BDM		2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U404		1
R 160	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U408		1
R 161	4021BDM		2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U402		1
162	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U405 (SUPSD BY ITEM 162A)		1
162A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U405 (SUPSDS ITEM 162)		1
R 163	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U409		1
164	CD4027BMJ		2	INTEGRATED CIRCUIT (ESDS) (V27014) 351-8258-010 U412 (SUPSD BY ITEM 164A)		1
R 164A	MC14027BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U412 (SUPSDS ITEM 164)		1
R 165	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U413		1
166	CD4027BMJ		2	INTEGRATED CIRCUIT (ESDS) (V27014) 351-8258-010 U416 (SUPSD BY ITEM 166A)		1
R 166A	MC14027BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U416 (SUPSDS ITEM 166)		1
167	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U417 (SUPSD BY ITEM 167A)		1
167A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U417 (SUPSDS ITEM 167)		1
168	MC14572UBCP		2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U420		1
169	CD4018BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8326-010 U421		1
R 170	SCL4001UBC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-010 U425		1
R 171	MC14070BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U424		1
R 171A	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U428 (SUPSD BY ITEM 172)		1
172	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U428 (SUPSDS ITEM 171A)		1
R 172A	RCR05G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/8W (V81349) 745-2392-000 R478 (USED ON ITEMS 1A AND 1B) EFF SB 8	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
172B	RCR05G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/8W (V81349) 745-2392-000 R478 (USED ON ITEM 1C)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

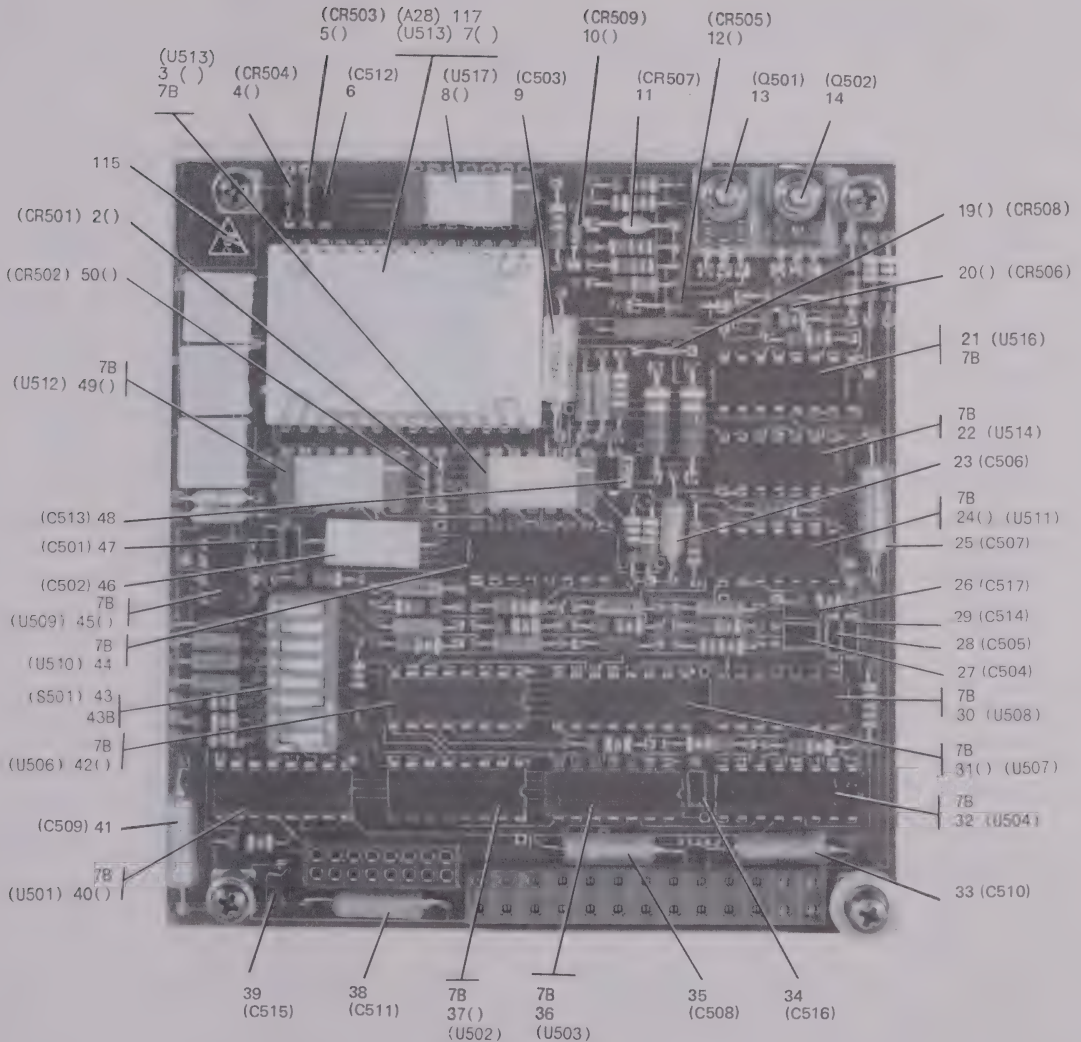
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- VENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	6 172C	RCR05G273KS		2 RESISTOR, FIXED CMPSN, 27K, 10%, 1/8W (V81349) 745-2392-000 R479 (USED ON ITEMS 1A AND 1B) EFF SB 8	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	172D	RCR05G273KS		2 RESISTOR, FIXED CMPSN, 27K, 10%, 1/8W (V81349) 745-2392-000 R479 (USED ON ITEM 1C)		1
	173	V0R5555		2 MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U431 (SUPSD BY ITEM 173A)		1
R	173A	V0R55-55		2 MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U431 (SUPSDS ITEM 173)		1
R	-173B	ATF350		OR 2 MICROCIRCUIT (ESDS) (V25403) 351-2423-020 U431 (USED ON 1C) (DELETED)		1
R	173C	220-0076-010		2 SOCKET, LEAD (V22526) XU431 EFF TO SB 21		1
	174	763-0889-002		2 RIVET (EFF TO REV AB)		2
R	175	435668-1		2 SWITCH, DIP (V27264) 266-0243-270 S401 EFF TO SB 21		1
R	176	435238-8		2 SWITCH, DIP (V00779) 266-0243-450 (DELETED BY REVISION)		1
R	177	NA1104-045		2 CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON ITEMS 1A AND 1B) EFF SB 8	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	2
R	177A	76602-102		2 CONTACT (V22526) 372-2601-545 (USED ON ITEM 1C)		4
	178	280-2745-040		2 LABEL, ESDS WARNING (V12998)		1
R	179	M39003-01-2257		2 CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C440 (ADDED)		1
R	181	RN55D5621F		2 RESISTOR, FIXED FILM, 5.62K, 1%, 1/8W (V81349) 705-1032-000 R476 (USED ON 1C) (SUPSD BY 181A)		1
R	-181A	RN55D3831F		2 RESISTOR, FIXED FILM, 3.83K, 1%, 1/8W (V81349) 705-1024-000 (USED ON 1C) (SUPSDS 181)		1
R	183	647-6472-001		2 TERMINAL E2 (USED ON 1C)		1
R	185	676-7466-001		2 FILTER ASSEMBLY, VOR A27 (SEE FIG 29)		1
R	187	2-641262-1		2 SOCKET, IC (V00779) 220-0075-030 XU429 XU432 EFF TO SB 18		2
R	189	CD4013BF		2 MICROCIRCUIT (ESDS) (V34371) 351-8160-030 U403 (ADDED)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

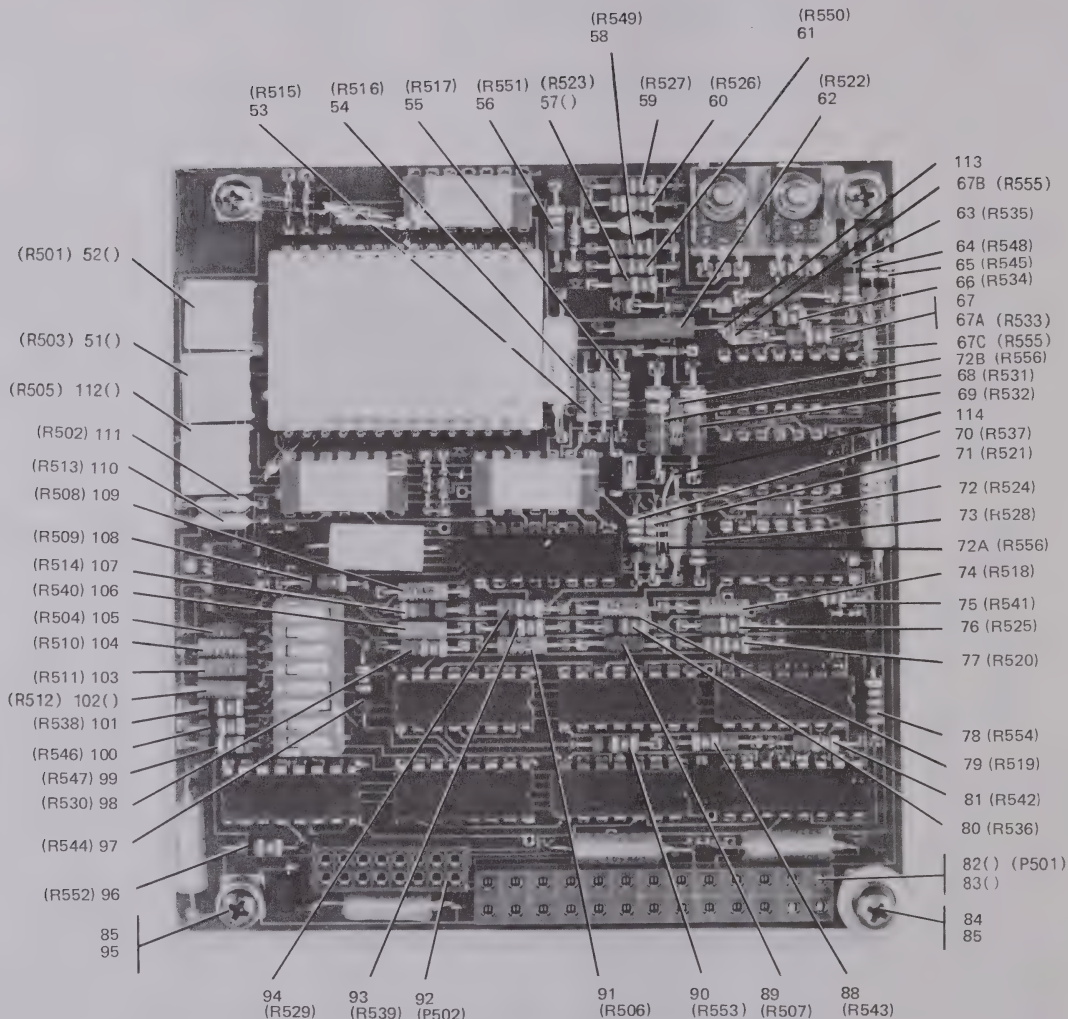


TP5-5146-027

Glideslope Instrumentation Circuit Card Assembly A5
 Figure 7 (Sheet 1 of 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5146-027

Glideslope Instrumentation Circuit Card Assembly A5
 Figure 7 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 299, 34-35-10

Subject: Detailed Parts List

Insert item 1C as shown below:

-1C 642-4205-001

1 CIRCUIT CARD ASSY, GLIDESLOPE
INSTRUMENTATION A5 (SEE FIG 1-10B, 10D,
10F, 10G FOR NHA)

A,B,C,D RF
F,G,H,J
K,L,M,N
P,Q,R,S
T,U,V,W
X,Z,AA
AB,AC,AD
AE,AF,AG
AH,AJ,AK
AL,AM,AN
AP,AQ,AR
AS,AT,AU
AV,AW,AX
AY,AZ

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
7-1A	601-4205-001		1	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 1-10,10C,10E FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X W	RF
-1B	601-4205-003		1	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 1-10A FOR NHA)		RF
R -1D	642-4205-002		1	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 1-10H FOR NHA)	E,AE	RF
R -1E	642-4205-003		1	CIRCUIT CARD ASSY, GLIDESLOPE INSTRUMENTATION A5 (SEE FIG 1-10J FOR NHA)	Y,AY	RF
R 2	1N4454		2	DIODE (V12969) 353-3644-010 CR501 (SUPSD BY ITEM 2A)		1
2A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR501 (SUPSDS ITEM 2)		1
3	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U513 (SUPSD BY ITEM 3A)		1
3A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U513 (SUPSDS ITEM 3)		1
R 4	1N4454		2	DIODE (V12969) 353-3644-010 CR504 (SUPSD BY ITEM 4A)		1
4A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR504 (SUPSDS ITEM 4)		1
R 5	1N4454		2	DIODE (V12969) 353-3644-010 CR503 (SUPSD BY ITEM 5A)		1
5A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR503 (SUPSDS ITEM 5)		1
6	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C512		1
R 7	ILS5515		2	MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U515 (USED ON 1A/1B)		1
R 7A	ATF325		2	MICROCIRCUIT (ESDS) (V25403) 351-2420-020 U515 (USED ON ITEMS 1C,1D,1E)		1
R 7B	220-0076-010		2	SOCKET, LEAD (V22526) (USED ON 1A/1B) EFF REV N TO SB 21	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R -7D	PCA325		2	MICROCIRCUIT (ESDS) (V25403) 351-2420-020 (USED ON 1C/1D/1E) (SUPSD BY 117)		1
8	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U517 (SUPSD BY ITEM 8A)		1
8A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U517 (SUPSDS ITEM 8)		1
9	M39003-01-2244		2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C503		1
R 10	1N4454		2	DIODE (V12969) 353-3644-010 CR509 (SUPSD BY ITEM 10A)		1
10A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR509 (SUPSDS ITEM 10)		1
R 11	JAN1N5614		2	SEMICONV DEVICE (V81350) 353-9009-510 CR507		1
12	IN4005		2	SEMICONV DEVICE (V04713) 353-6442-050 CR505 (SUPSD BY ITEM 12A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	7 12A	1N4005GP	2	SEMICOND DEVICE (V14936) 353-6442-050 CR505 (SUPSDS ITEM 12)		1
	13	2N5194	2	TRANSISTOR,POWER (V04713) 352-0923-020 Q501		1
	14	2N5194	2	TRANSISTOR,POWER (V04713) 352-0923-020 Q502		1
R	-15	313-0132-000	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V77250) (AP FOR 13-14) (SUPSD BY ITEM 15A)		2
R	-15A	NAS671C4	2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 13-14) (SUPSDS ITEM 15)		2
	-16	43-77-1	2	INSULATOR,PLATE (V13103) 352-9605-220 (AP FOR 13-14)		2
R	-17	4704-04-01-4102	2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP FOR 13-14)		2
	-18	MS51957-15	2	SCREW,MACHINE STL, 4-40 X 3/8 (V96906) 343-0135-000 (AP FOR 13-14)		2
R	19	1N4454	2	DIODE (V12969) 353-3644-010 CR508 (SUPSD BY ITEM 19A)		1
	19A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR508 (SUPSDS ITEM 19)		1
	20	1N4005	2	SEMICOND DEVICE (V04713) 353-6442-050 CR506 (SUPSD BY ITEM 20A)		1
R	20A	1N4005GP	2	SEMICOND DEVICE (V14936) 353-6442-050 CR506 (SUPSDS ITEM 20)		1
	21	MC14572UBCP	2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U516		1
	22	MPQ6001	2	INTEGRATED CIRCUIT TRANSISTOR ARRAY (ESDS) (V04713) 351-0053-010 U514		1
R	23	M39003-03-0116	2	CAPACITOR,FIXED ELCTLT, 6.8UF, 10%, 10V (V81349) 184-6329-170 C506		1
	24	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U511 (SUPSD BY ITEM 24A)		1
R	24A	SG3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U511 (SUPSDS ITEM 24)		1
	25	M39003-01-2246	2	CAPACITOR,FIXED ELCTLT, 56UF, 10%, 6V (V81349) 184-9086-060 C507		1
	26	CK05BX104K	2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C517		1
R	27	CK05BX103K	2	CAPACITOR,FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C504		1
R	28	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C505		1
	29	CK05BX104K	2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C514		1
	30	CD4085BF	2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U508		1
	31	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U507 (SUPSD BY ITEM 31A)		1
	31A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U507 (SUPSDS ITEM 31)		1
	32	MC14572UBCP	2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U504		1
	33	M39003-01-2271	2	CAPACITOR,FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C510		1
R	34	CK05BX102K	2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C516		1
	35	M39003-01-2271	2	CAPACITOR,FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C508		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	7 36	MC14070BAL	2	MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U503		1
	37	4020BDM	2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U502 (SUPSD BY ITEM 37A)		1
	37A	CD4020BF	2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U502 (SUPSDS ITEM 37)		1
	38	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C511		1
	39	CK05BX104K	2	CAPACITOR, FIXED CER DIEI, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C515		1
	40	CD4029BF	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U501 (SUPSD BY ITEM 40A)		1
	40A	MC14029BAL	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U501 (SUPSDS ITEM 40)		1
	41	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C509		1
	42	CD4027BMJ	2	INTEGRATED CIRCUIT (ESDS) (V27014) 351-8258-010 U506 (SUPSD BY ITEM 42A)		1
R	42A	MC14027BAL	2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U506 (SUPSDS ITEM 42)		1
	43	435668-7	2	SWITCH, DUAL PKG (V00779) 266-0243-240 S501 SB 19 (EFF TO		1
R	43B	435238-5	2	SWITCH, DIP (V00779) 266-0243-510 (DELETED BY REVISION)		1
	44	698-3R100KF	2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U510		1
R	45	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U509 EFF TO SB 21		1
R	45A	0P20-027Z	2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U509 EFF SB 21		1
	46	LP88A1A474J	2	CAPACITOR, FIXED PLSTC DIEI, 0.47UF, 5%, 50V (V56289) 933-1084-210 C502		1
R	47	CK05BX102K	2	CAPACITOR, FIXED CER DIEI, 1000PF, 10%, 200V (V81349) 913-4018-000 C501		1
	48	CK05BX104K	2	CAPACITOR, FIXED CER DIEI, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C513		1
	49	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U512 (SUPSD BY ITEM 49A)		1
	49A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U512 (SUPSDS ITEM 49)		1
R	50	1N4454	2	DIODE (V12969) 353-3644-010 CR502 (SUPSD BY ITEM 50A)		1
	50A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR502 (SUPSDS ITEM 50)		1
R	51	64P202	2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R503 (USED ON ITEMS 1A AND 1B) (SUPSD BY 51C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	51A	64P202	2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R503 (USED ON ITEMS 1C, 1D, 1E) (SUPSD BY ITEM 51B)		1
R	51B	RJ24CP202	2	RESISTOR, VARIABLE NONWIRE-WOUND, 2K, 10%, 1/2W (V32997) 380-1080-080 R503 (USED ON ITEMS 1C, 1D, 1E) (SUPSDS ITEM 51A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDUSTRY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	7-51C	3292P1-202	2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V80294) 382-0052-080 (USED ON 1A/1B) (SUPSDS 51)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	52	64P501	2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R501 (USED ON ITEMS 1A AND 1B) (SUPSD BY 52C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	52A	64P501	2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R501 (USED ON ITEMS 1C,1D,1E) (SUPSD BY ITEM 52B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	52B	RJ24CP501	2	RESISTOR,VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-060 R501 (USED ON ITEMS 1C,1D,1E) (SUPSDS ITEM 52A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	-52C	3292P1-501	2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V80294) 382-0052-060 (USED ON 1A/1B) (SUPSDS 52)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	53	RN55D2492F	2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R515		1
	54	RN55D4021F	2	RESISTOR, FIXED FILM, 4.02K, 1%, 1/8W (V81349) 705-1025-000 R516		1
	55	RCR07G243JS	2	RESISTOR, FIXED CMPSN, 24K, 5%, 1/4W (V81349) 745-0798-000 R517		1
	56	RCR07G753JS	2	RESISTOR, FIXED CMPSN, 75K, 5%, 1/4W (V81349) 745-0816-000 R551		1
	57	RCR07G824KS	2	RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R523 SB8 (SUPSD BY ITEM 57A)		1
	57A	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R523 SB 8 (SUPSDS ITEM 57)		1
	58	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R549		1
	59	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R527		1
	60	RCR07G393KS	2	RESISTOR, FIXED CMPSN, 39K, 10%, 1/4W (V81349) 745-0806-000 R526		1
	61	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R550		1
R	62	RW70U1R00F	2	RESISTOR, FIXED WW, 1 OHM, 1%, 1W (V01686) 747-4230-010 R522		1
	63	RCR07G102KS	2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R535		1
	64	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R548		1
	65	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R545		1
	66	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R534		1
	67	RCR07G824KS	2	RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R533 SB 8 (SUPSD BY ITEM 67A)		1
	67A	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R533 SB 8 (SUPSDS ITEM 67)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 7 67B	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R555 (USED ON 1A/1B) EFF SB 8	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
67C	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R555 (USED ON ITEMS 1C, 1D, 1E)		1
68	RCR20G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/2W (V81349) 745-1370-000 R531		1
69	RCR20G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/2W (V81349) 745-1370-000 R532		1
70	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R537		1
71	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R521		1
72	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R524		1
R 72A	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R556 (USED ON ITEMS 1A AND 1B) EFF SB 7	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
72B	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R556 (USED ON ITEMS 1C, 1D, 1E)		1
73	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R528		1
74	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R518		1
75	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R541		1
76	RCR07G224KS		2	RESISTOR, FIXED CMPSN, 0.22MEGO, 10%, 1/4W (V81349) 745-0833-000 R525		1
77	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R520		1
78	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R554		1
79	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R519		1
80	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R536		1
81	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R542		1
82	372-2624-022		2	HOUSING, CONNECTOR ELEC P501 (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
82A	372-2624-022		2	HOUSING, CONNECTOR ELEC P501 (USED ON ITEMS 1C, 1D, 1E) (SUPSD BY ITEM 82B)		1
82B	372-2334-140		2	CONNECTOR, ELEC (V00779) P501 (USED ON ITEMS 1C, 1D, 1E) (SUPSDS ITEM 82A)		1
83	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	26

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	7 83A	372-2252-020	2	CONTACT,ELECTRICAL (V57863) (USED ON ITEMS 1C,1D,1E) (DELETED BY REVISION)		26
	84	635-5715-001	2	POST		1
	85	629-6561-013	2	SCREW		4
	-86	310-0278-000	2	WASHER,LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		4
R	-87	340-0694-000	2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 87A)		4
R	-87A	340-0644-000	2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 87)		4
	88	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R543		1
	89	RN55D1821F	2	RESISTOR, FIXED FILM, 1.82K, 1%, 1/8W (V81349) 705-3605-120 R507		1
	90	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R553		1
	91	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R506		1
R	92	86418-5	2	CONNECTOR, RCPT (V00779) 372-0033-020 P502		1
	93	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R539		1
	94	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R529		1
	95	608-6430-003	2	POST		3
	96	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R552		1
	97	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R544		1
	98	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R530		1
	99	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R547		1
	100	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R546		1
	101	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R538		1
R	102	RN55D3652F	2	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000 R512	A,B,C,D F,G,H,J K,L,M,N P,Q,R,S T,U,V,W X,Y,Z E	1
	102A	RN55D1212F	2	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R512		1
	103	RN55D3652F	2	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000 R511		1
	104	RN55D2212F	2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 R510		1
	105	RN55D2261F	2	RESISTOR, FIXED FILM, 2.26K, 1%, 1/8W (V81349) 705-1013-000 R504		1
	106	RN55D9092F	2	RESISTOR, FIXED FILM, 90.9K, 1%, 1/8W (V81349) 705-1090-000 R540		1
	107	RCR07G102KS	2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R514		1
	108	RCR07G101JS	2	RESISTOR, FIXED CMPSN, 100 OHMS, 5%, 1/4W (V81349) 745-0712-000 R509		1
	109	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R508		1
	110	RN55D1542F	2	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000 R513		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

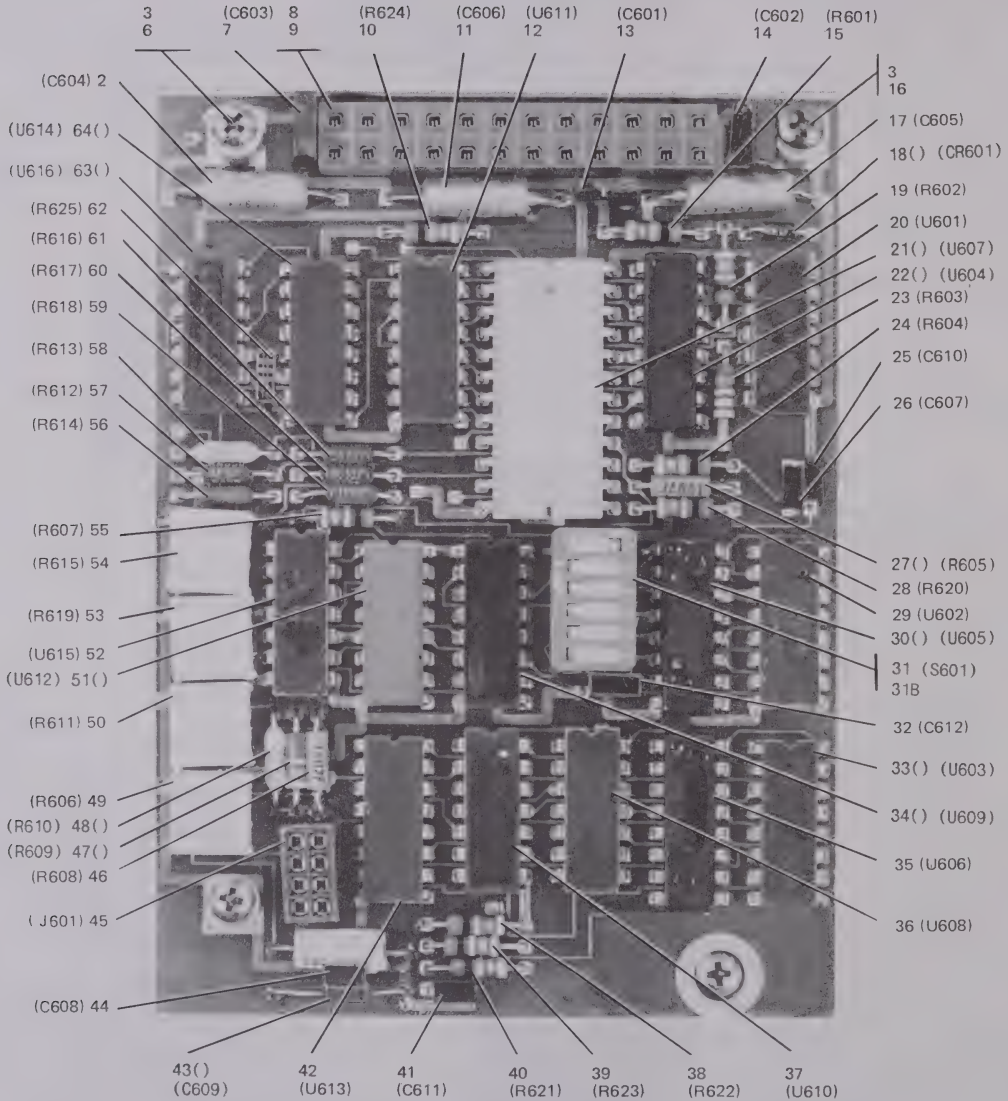
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
7 111	RN55E8061B			2 RESISTOR, FIXED FILM, 8.06K, 0.1%, 1/10W (V81349) 705-5975-290 R502		1
R 112	64P103			2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R505 (USED ON ITEMS 1A AND 1B) (SUPSD BY 112C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 112A	64P103			2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R505 (USED ON ITEMS 1C,1D,1E) (SUPSD BY ITEM 112B)		1
R 112B	RJ24CP103			2 RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R505 (USED ON ITEMS 1C,1D,1E) (SUPSDS ITEM 112A)		1
R -112C	3292P1-103			2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A/1B) (SUPSDS 112)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	113	NA1104-037		2 CONTACT, ELECTRICAL (V57863) 372-2601-037 (USED ON ITEM 1A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X	1
	114	NA1104-039		2 CONTACT, ELECTRICAL (V57863) 372-2601-039 (USED ON ITEM 1B)	W	1
	115	280-2745-040		2 LABEL, ESDS WARNING (V12998)		1
R 117	676-7468-001			2 CIRCUIT CARD, LOC/GLS FILTER A28 (SEE FIG 30) (USED ON 1C/1D/1E) (SUPSDS 7D)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5145-017

VOR/ILS Self-Test Circuit Card Assembly A6
 Figure 8

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4/4()/5/5() VOR/ILS Navigation Receiver
ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 307, 34-35-10

Subject: Detailed Parts List

Remove effect code P from item 1 as shown:

8-1 601-4206-001

1 CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6
(SEE FIG 1-11, 11E, 11H FOR NHA)

A, B, C, D
F, G, H, J
K, L, M, N
Q, R, T
U, V
RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8-1	601-4206-001		1	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 1-11,11E,11H FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V	RF
2	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C604		1
3	629-6561-013		2	SCREW		1
-4	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R -5	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		4
R -5A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 5)		4
6	635-5715-001		2	POST		1
7	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C603		1
8	372-2624-021		2	HOUSING, CONNECTOR ELEC		1
9	372-2252-020		2	CONTACT, ELECTRICAL (V57863)		24
10	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R624		1
11	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C606		1
12	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U611		1
13	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C601		1
14	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C602		1
15	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R601		1
16	608-6430-003		2	POST		3
17	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C605		1
R 18	1N4454		2	DIODE (V12969) 353-3644-010 CR601 (SUPSD BY ITEM 18A)		1
18A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR601 (SUPSDS ITEM 18)		1
19	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R602		1
R 20	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U601		1
21	84916		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U607 (SUPSD BY ITEM 21A)		1
R -21A	91179		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U607 (SUPSDS 21)		1
R 22	SCM43988PK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-020 U604 (EFF TO REV LTR L)		1
R 22A	SCM45676LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U604 (EFF REV L)		1
23	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R603		1
24	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R604		1
R 25	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C610		1
R 26	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C607		1
27	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R605 SB 8 (EFF TO REV LTR M)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8 27A	RN55D2001F		2	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R605 SB 8 (EFF REV M)		1
28	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R620		1
29	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U602		1
R 30	SCM43809P		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-010 U605 (EFF TO REV LTR L)		1
R 30A	SCM45676LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U605 (EFF REV L)		1
R 31	01-70-0305		2	SWITCH, DUAL PKG (V27264) 266-0243-020 S601 EFF TO SB 19		1
31B	435238-7		2	SWITCH, DIP (V00779) 266-0243-530 (DELETED BY REVISION)		1
R 32	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C612		1
33	CD4022BMJ		2	INTEGRATED CIRCUIT ARRAY (ESDS) (V27014) 351-8187-010 U603 (SUPSD BY ITEM 33A)		1
R 33A	CD4022BF		2	INTEGRATED CIRCUIT ARRAY (ESDS) (V02735) 351-8187-010 U603 (SUPSDS ITEM 33)		1
34	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U609 (SUPSD BY ITEM 34A)		1
34A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U609 (SUPSDS ITEM 34)		1
35	MC14572UBCP		2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U606		1
R 36	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U608		1
R 37	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U610		1
38	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R622		1
39	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R623		1
40	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R621		1
R 41	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C611		1
42	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U613		1
R 43	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C609 SB 8 (EFF TO REV LTR M)		1
43A	CRC1-080		2	CAPACITOR, FIXED PLSTC DIEL, 0.1UF, 10%, 50V (V04099) 933-1081-080 C609 SB 8 (EFF REV M)		1
44	CRC1-080		2	CAPACITOR, FIXED PLSTC DIEL, 0.1UF, 10%, 50V (V04099) 933-1081-080 C608		1
R 45	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J601		1
46	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R608		1
47	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R609 (EFF TO REV LTR R)		1
47A	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R609 (EFF REV R)		1
48	RN55D1542F		2	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000 R610 (EFF TO REV LTR R)		1
48A	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R610 (EFF REV R)		1

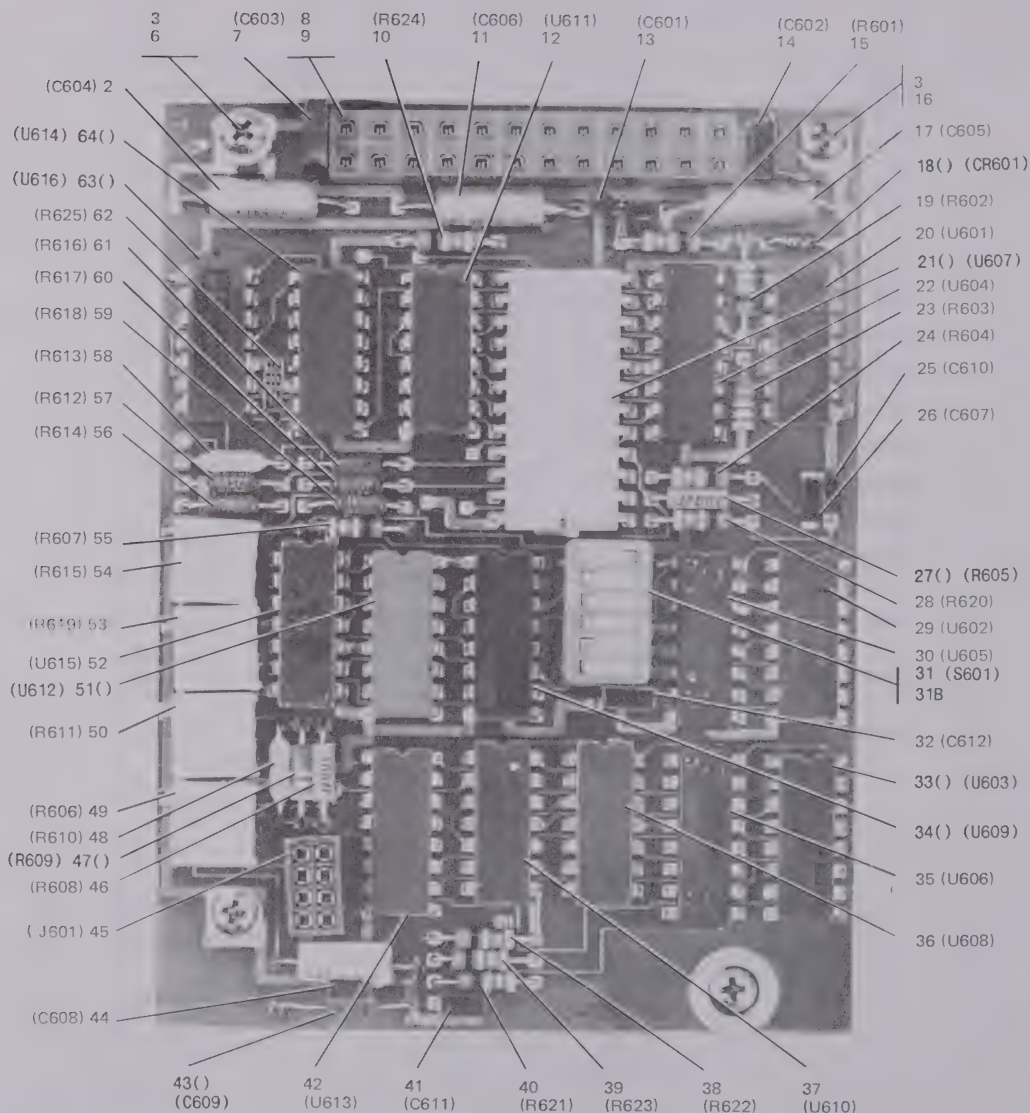
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 8 49	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R606		1
R 50	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R611		1
	51	CD4029BF	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U612 (SUPSD BY ITEM 51A)		1
	51A	MC14029BAL	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U612 (SUPSDS ITEM 51)		1
R 52	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U615		1
R 53	64P502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-090 R619		1
R 54	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R615		1
	55	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R607		1
	56	RN55D1782F	2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R614		1
	57	RN55D3832F	2	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000 R612		1
	58	RN55D4752F	2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R613		1
	59	RN55D1102F	2	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000 R618		1
	60	RN55D3832F	2	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000 R617		1
	61	RN55D5622F	2	RESISTOR, FIXED FILM, 56.2K, 1%, 1/8W (V81349) 705-1080-000 R616		1
	62	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R625		1
	63	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U616 (SUPSD BY ITEM 63A)		1
	63A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U616 (SUPSDS ITEM 63)		1
	64	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U614 (SUPSD BY ITEM 64A)		1
	64A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U614 (SUPSDS ITEM 64)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP6-8249-017

VOR/ILS Self-Test Circuit Card Assembly A6
 Figure 8A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DE NT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8A-1	601-4206-002		1	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 1-11A FOR NHA)	A,B,C,D	RF
2	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C604		1
3	629-6561-013		2	SCREW		4
-4	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R -5	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		4
R -5A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMCOP0-135DX0-125L (AP) (SUPSDS ITEM 5)		4
6	635-5715-001		2	POST		1
7	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C603		1
8	372-2624-021		2	HOUSING, CONNECTOR ELEC		1
9	372-2252-020		2	CONTACT, ELECTRICAL (V57863)		24
10	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R624		1
11	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C606		1
12	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U611		1
13	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C601		1
14	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C602		1
15	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R601		1
16	608-6430-003		2	POST		3
17	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C605		1
R 18	1N4454		2	DIODE (V12969) 353-3644-010 CR601 (SUPSD BY ITEM 18A)		1
18A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR601 (SUPSDS ITEM 18)		1
19	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R602		1
R 20	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U601		1
21	CD40032D84916		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U607 (SUPSD BY ITEM 21A)		1
R 21A	91179		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U607 (SUPSDS ITEM 21)		1
R 22	SCM43988PK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-020 U604		1
23	RCR07G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R603		1
24	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R604		1
R 25	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C610		1
R 26	CK05BX471K		2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C607		1
27	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R605 (EFF TO REV LTR P)		1
27A	RN55D2001F		2	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R605 (EFF REV P)		1
28	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R620		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	8A 29	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U602		1
R	30	SCM43809P	2	MICROCIRCUIT (ESDS) (V04713) 351-8406-010 U605		1
	31	435668-5	2	SWITCH,DUAL PKG (V00779) 266-0243-220 S601 SB 19 (EFF TO		1
	31B	435238-7	2	SWITCH, DIP (V00779) 266-0243-530 (DELETED BY REVISION)		1
R	32	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C612		1
	33	CD4022BMJ	2	INTEGRATED CIRCUIT ARRAY (ESDS) (V27014) 351-8187-010 U603 (SUPSD BY ITEM 33A)		1
R	33A	CD4022BF	2	INTEGRATED CIRCUIT ARRAY (ESDS) (V02735) 351-8187-010 U603 (SUPSDS ITEM 33)		1
	34	CD4049MJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U609 (SUPSD BY ITEM 34A)		1
	34A	CD4049UBF	2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U609 (SUPSDS ITEM 34)		1
	35	MC14572UBCP	2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U606		1
R	36	SCL4013BC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U608		1
R	37	CD4081BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U610		1
	38	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R622		1
	39	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R623		1
	40	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R621		1
R	41	CK05BX471K	2	CAPACITOR, FIXED CER DIEL, 470PF, 10%, 200V (V81349) 913-4014-000 C611		1
	42	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U613		1
R	43	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C609 (EFF TO REV LTR P)		1
	43A	CRC1-080	2	CAPACITOR, FIXED PLSTC DIEL, 0.1UF, 10%, 50V (V04099) 933-1081-080 C609 (EFF REV P)		1
	44	CRC1-080	2	CAPACITOR, FIXED PLSTC DIEL, 0.1UF, 10%, 50V (V04099) 933-1081-080 C608		1
R	45	86418-7	2	CONNECTOR, RCPT (V00779) 372-0033-010 J601		1
	46	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R608		1
	47	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R609 (EFF TO REV LTR R)		1
	47A	RN55D2492F	2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R609 (EFF REV R)		1
	48	RN55D2002F	2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R610 (EFF REV R)		1
R	49	64P203	2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R606		1
R	50	64P103	2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R611		1
	51	CD4029BF	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U612 (SUPSD BY ITEM 51A)		1
	51A	MC14029BAL	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U612 (SUPSDS ITEM 51)		1
R	52	SCL4013BC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U615		1

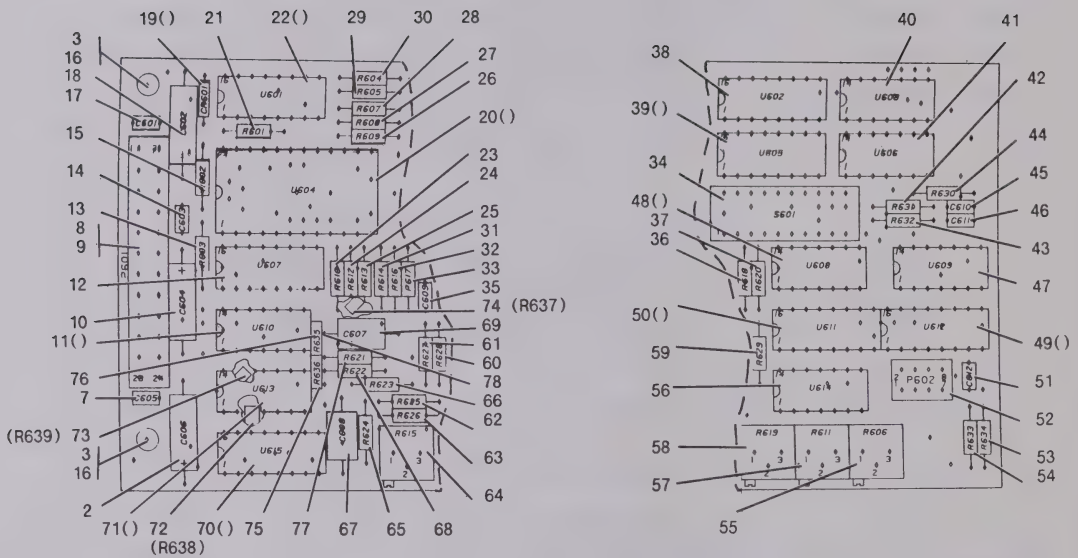
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 8A 53	64P502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-090 R619		1
R 54	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R615		1
	55	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R607		1
	56	RN55D1782F	2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R614		1
	57	RN55D3832F	2	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000 R612		1
	58	RN55D4752F	2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R613		1
	59	RN55D1102F	2	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000 R618		1
	60	RN55D3832F	2	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000 R617		1
	61	RN55D5622F	2	RESISTOR, FIXED FILM, 56.2K, 1%, 1/8W (V81349) 705-1080-000 R616		1
	62	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R625		1
	63	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U616 (SUPSD BY ITEM 63A)		1
	63A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U616 (SUPSDS ITEM 63)		1
	64	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U614 (SUPSD BY ITEM 64A)		1
	64A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U614 (SUPSDS ITEM 64)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP6-8242-019

VOR/ILS Self-Test Circuit Card Assembly A6
 Figure 8B

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5(5) VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5(5) VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 315, 34-35-10

Subject: Detailed Parts List

Remove effect code P from item 1 as shown:

88-1 601-4206-003

1 CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6
(SEE FIG 1-11B, 11F, 11J FOR NHA)

A, B, C, D
F, G, H, J
K, L, M, N
Q, R, T
U, V, W, X
RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DE N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8B-1	601-4206-003		1	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 1-11B,11F,11J FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	RF
	2	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C606		1
	3	629-6561-013	2	SCREW		4
	-4	MS35338-135	2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R	-5	340-0694-000	2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		4
R	-5A	340-0644-000	2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 5A)		4
	6	635-5715-001	2	POST		1
	7	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C605		1
	8	372-2624-021	2	HOUSING, CONNECTOR ELEC P601		1
	9	372-2252-020	2	CONTACT, ELECTRICAL (V57863)		24
	10	M39003-01-2257	2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C604		1
	11	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U610 (SUPSD BY ITEM 11A)		1
R	11A	SG3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U610 (SUPSDS ITEM 11)		1
	12	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U607		1
	13	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 R603		1
	14	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C603		1
	15	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R602		1
	16	608-6430-003	2	POST		3
	17	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C601		1
	18	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C602		1
R	19	1N4454	2	DIODE (V12969) 353-3644-010 CR601 (SUPSD BY ITEM 19A)		1
	19A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR601 (SUPSDS ITEM 19)		1
	20	CD40032D84916	2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U604 (SUPSD BY ITEM 20A)		1
R	20A	91179	2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U604 (SUPSDS ITEM 20)		1
	21	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R601		1
R	22	SCM45676LK	2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U601 EFF TO SB 15		1
R	22A	SCM45957LK	2	MICROCIRCUIT (ESDS) (V04713) 351-8406-040 U601 EFF SB 15		1
	23	RN55D5902F	2	RESISTOR, FIXED FILM, 59K, 1%, 1/8W (V81349) 705-1081-000 R610		1
	24	RN55D1333F	2	RESISTOR, FIXED FILM, 133K, 1%, 1/8W (V81349) 705-1098-000 R612		1
	25	RN55D3012F	2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R613		1
	26	RN55D1473F	2	RESISTOR, FIXED FILM, 147K, 1%, 1/8W (V81349) 705-1100-000 R609		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8B 27	RN55D1473F		2	RESISTOR, FIXED FILM, 147K, 1%, 1/8W (V81349) 705-1100-000 R608		1
28	RN55D1402F		2	RESISTOR, FIXED FILM, 14K, 1%, 1/8W (V81349) 705-1051-000 R607		1
29	RN55D1402F		2	RESISTOR, FIXED FILM, 14K, 1%, 1/8W (V81349) 705-1051-000 R605		1
30	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R604		1
31	RN55D1333F		2	RESISTOR, FIXED FILM, 133K, 1%, 1/8W (V81349) 705-1098-000 R614		1
32	RN55D7152F		2	RESISTOR, FIXED FILM, 71.5K, 1%, 1/8W (V81349) 705-1085-000 R616		1
33	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R617		1
R 34	435668-9		2	SWITCH, DUAL PKG (V00779) 266-0243-230 S601 EFF TO SB 19		1
R 35	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 C609		1
36	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R618		1
37	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R620		1
38	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U602		1
R 39	SCM45676LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U605 (EFF TO REV AC)		1
R 39A	SCM45957LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-040 U605 (EFF REV AC)		1
R 40	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U608		1
R 41	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U606		1
42	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R631		1
43	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R632		1
44	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R630		1
R 45	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 C610		1
R 46	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 C611		1
R 47	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U609		1
48	CD4071BMJ		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V27014) 351-8306-010 U608 (SUPSD BY ITEM 48A)		1
48A	MC14071BAL		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V04713) 351-8306-010 U608 (SUPSDS ITEM 48)		1
49	CD4029BF		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U612 (SUPSD BY ITEM 49A)		1
49A	MC14029BAL		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U612 (SUPSDS ITEM 49)		1
50	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U611 (SUPSD BY ITEM 50A)		1
50A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U611 (SUPSDS ITEM 50)		1
R 51	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 C612		1
R 52	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 P602		1

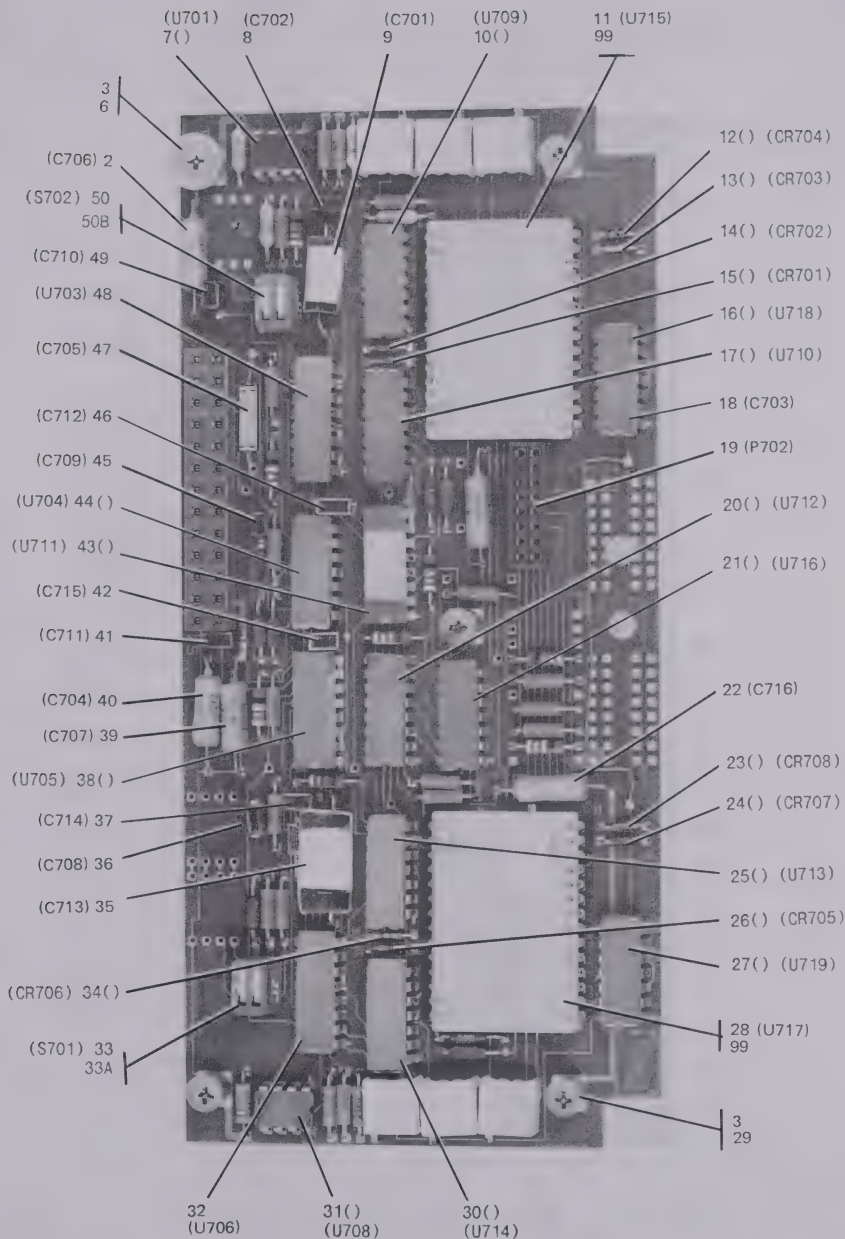
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
8B 53	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R634		1
54	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R633		1
R 55	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R606		1
R 56	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U614		1
R 57	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R611		1
R 58	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R619		1
59	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R629		1
60	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R628		1
61	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R627		1
62	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R625		1
63	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R626		1
R 64	64P503		2	RESISTOR, VAR, NWW, 50K, 10%, 1/2W (V02111) 382-0052-130 R615		1
65	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R624		1
66	RN55D2001F		2	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R623		1
67	CRC1-080		2	CAPACITOR, FIXED PLSTC DIE, 0.1UF, 10%, 50V (V04099) 933-1081-080 C608		1
68	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R622		1
69	CRC1-080		2	CAPACITOR, FIXED PLSTC DIE, 0.1UF, 10%, 50V (V04099) 933-1081-080 C607		1
70	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U615 (SUPSD BY ITEM 70A)		1
70A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U615 (SUPSDS ITEM 70)		1
71	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U613 (SUPSD BY ITEM 71A)		1
71A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U613 (SUPSDS ITEM 71)		1
72	RCR05G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/8W (V81349) 745-2344-000 R638		1
73	RCR05G123KS		2	RESISTOR, FIXED CMPSN, 12K, 10%, 1/8W (V81349) 745-2380-000 R639		1
74	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R637		1
75	RCR07G224KS		2	RESISTOR, FIXED CMPSN, 0.22MEGO, 10%, 1/4W (V81349) 745-0833-000 R636		1
76	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R635		1
77	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R621		1
78	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045		3

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

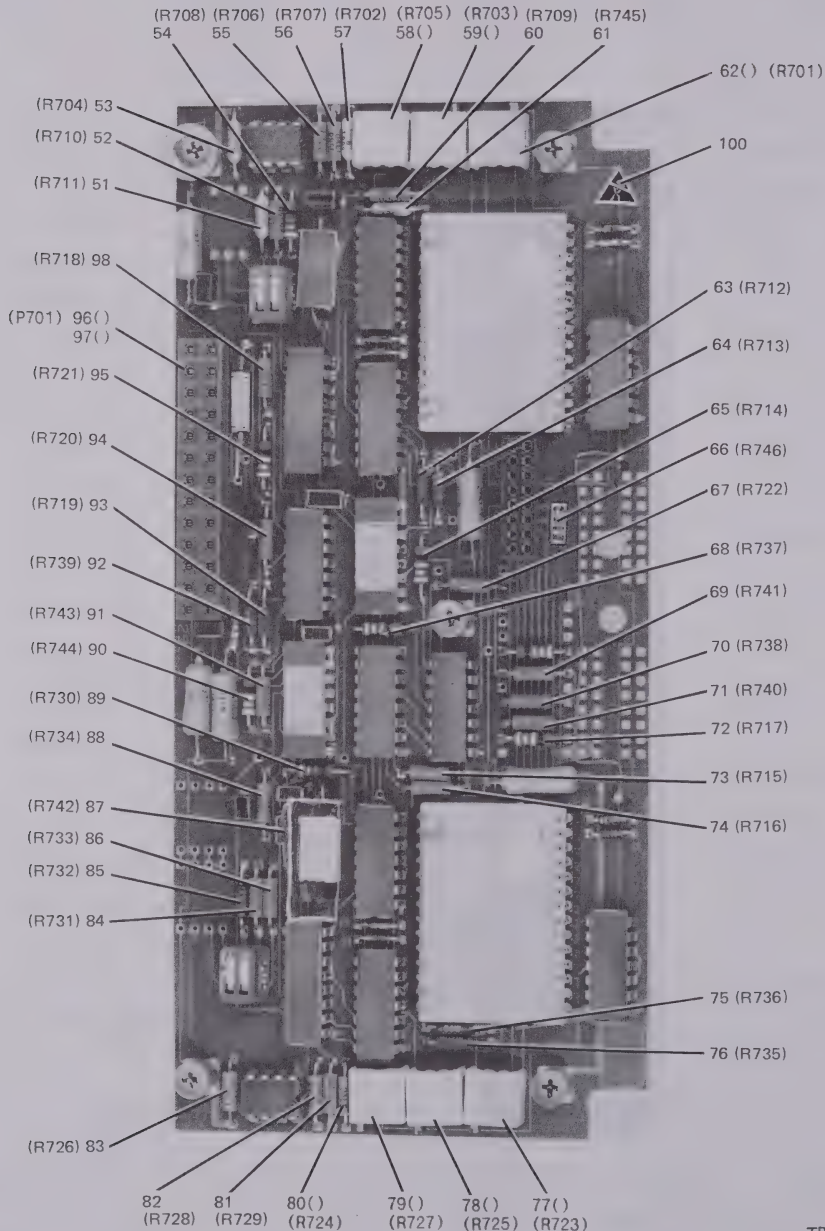


TP5-5150-027

Expanded ILS Monitor Circuit Card Assembly A7
 Figure 9 (Sheet 1 of 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5150-027

Expanded ILS Monitor Circuit Card Assembly A7
 Figure 9 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9-1A	601-4207-001		1	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 1-12 AND 12C FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V,X	RF
-1B	642-4207-001		1	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 1-12A AND 12D FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V,X	RF
2	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C706		1
3	629-6561-013		2	SCREW		5
-4	310-0278-000		2	WASHER, LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		5
R	-5	340-0694-000	2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		5
R	-5A	340-0644-000	2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMCOP0-135DX0-125L (AP) (SUPSDS ITEM 5)		5
6	635-5715-001		2	POST		1
R	7	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U701 (USED ON ITEM 1A) (SUPSD BY ITEM 7C)		1
R	7A	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U701 (USED ON ITEM 1B) (SUPSD BY ITEM 7B)		1
R	7B	351-1261-030	2	MICROCIRCUIT (ESDS) U701 (USED ON ITEM 1B) (SUPSD BY ITEM 7C)		1
	7C	0P20-027Z	2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U701 SB 21 (SUPSDS ITEMS 7,7A,7B)		1
R	8	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C702		1
	9	LP88A1A474J	2	CAPACITOR, FIXED PLSTC DIEL, 0.47UF, 5%, 50V (V56289) 933-1084-210 C701		1
	10	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U709 (SUPSD BY ITEM 10A)		1
	10A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U709 (SUPSDS ITEM 10)		1
	11	ILS5515	2	MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U715		1
R	12	1N4454	2	DIODE (V12969) 353-3644-010 CR704 (SUPSD BY ITEM 12A)		1
	12A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR704 (SUPSDS ITEM 12)		1
R	13	1N4454	2	DIODE (V12969) 353-3644-010 CR703 (SUPSD BY ITEM 13A)		1
	13A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR703 (SUPSDS ITEM 13)		1
R	14	1N4454	2	DIODE (V12969) 353-3644-010 CR702 (SUPSD BY ITEM 14A)		1
	14A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR702 (SUPSDS ITEM 14)		1
R	15	1N4454	2	DIODE (V12969) 353-3644-010 CR701 (SUPSD BY ITEM 15A)		1
	15A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR701 (SUPSDS ITEM 15)		1
	16	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U718 (SUPSD BY ITEM 16A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9 16A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U718 (SUPSDS ITEM 16)		1
17	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U710 (SUPSD BY ITEM 17A)		1
17A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U710 (SUPSDS ITEM 17)		1
18	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C703		1
R 19	86418-5		2	CONNECTOR, RCPT (V00779) 372-0033-020 P702		1
20	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U712 (SUPSD BY ITEM 20A)		1
20A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U712 (SUPSDS ITEM 20)		1
21	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U716 (SUPSD BY ITEM 21A)		1
R 21A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U716 (SUPSDS ITEM 21)		1
22	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C716		1
R 23	1N4454		2	DIODE (V12969) 353-3644-010 CR708 (SUPSD BY ITEM 23A)		1
23A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR708 (SUPSDS ITEM 23)		1
R 24	1N4454		2	DIODE (V12969) 353-3644-010 CR707 (SUPSD BY ITEM 24A)		1
24A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR707 (SUPSDS ITEM 24)		1
25	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U713 (SUPSD BY ITEM 25A)		1
25A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U713 (SUPSDS ITEM 25)		1
R 26	1N4454		2	DIODE (V12969) 353-3644-010 CR705 (SUPSD BY ITEM 26A)		1
26A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR705 (SUPSDS ITEM 26)		1
27	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U719 (SUPSD BY ITEM 27A)		1
27A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U719 (SUPSDS ITEM 27)		1
28	ILS5515		2	MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U717		1
29	608-6430-003		2	POST		4
30	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U714 (SUPSD BY ITEM 30A)		1
30A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U714 (SUPSDS ITEM 30)		1
R 31	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U708 (USED ON ITEM 1A) (SUPSD BY ITEM 31C)		1
R 31A	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U708 (USED ON ITEM 1B) (SUPSD BY ITEM 31B)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	9 31B	351-1261-030	2	MICROCIRCUIT (ESDS) U708 (USED ON ITEM 1B) (SUPSD BY ITEM 31C)		1
	31C	0P20-027Z	2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U708 SB 21 (SUPSDS ITEMS 31,31A,31B)		1
	32	698-3R100KF	2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U706		1
R	33	435668-1	2	SWITCH, DIP (V27264) 266-0243-270 S701 EFF TO SB 19		1
R	33A	435238-8	2	SWITCH, DIP (V00779) 266-0243-450 (DELETED BY REV) (USED ON ITEM 1A)		1
R	34	1N4454	2	DIODE (V12969) 353-3644-010 CR706 (SUPSD BY ITEM 34A)		1
	34A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR706 (SUPSDS ITEM 34)		1
	35	LP88A1A105J	2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C713		1
	36	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C708		1
R	37	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C714		1
	38	698-3R100KD	2	RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U705 OR		1
	38A	10167-100K	2	RESISTOR NETWORK CER, DUAL-IN-LINE, 100K (ESDS) (V33256) 350-4008-010 U705 (ADDED BY REVISION)		1
	39	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C707		1
	40	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C704		1
	41	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C711		1
	42	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C715		1
	43	698-3R100KD	2	RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U711 OR		1
	43A	10167-100K	2	RESISTOR NETWORK CER, DUAL-IN-LINE, 100K (ESDS) (V33256) 350-4008-010 U711 (ADDED BY REVISION)		1
	44	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U704 (SUPSD BY ITEM 44A)		1
	44A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U704 (SUPSDS ITEM 44)		1
	45	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C709		1
	46	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C712		1
	47	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C705		1
	48	698-3R100KF	2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U703		1
	49	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C710		1
	50	435668-1	2	SWITCH, DIP (V27264) 266-0243-270 S702 SB 19 (EFF TO		1
R	50B	435238-8	2	SWITCH, DIP (V00779) 266-0243-450 (DELETED BY REV) (USED ON ITEM 1A)		1
	51	RN55D2212F	2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 R711		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9 52	RN55D3652F		2	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000 R710		1
53	RN55D2261F		2	RESISTOR, FIXED FILM, 2.26K, 1%, 1/8W (V81349) 705-1013-000 R704		1
54	RCR07G101JS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 5%, 1/4W (V81349) 745-0712-000 R708		1
55	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R706		1
56	RN55D9092F		2	RESISTOR, FIXED FILM, 90.9K, 1%, 1/8W (V81349) 705-1090-000 R707		1
57	RN55E8061B		2	RESISTOR, FIXED FILM, 8.06K, 0.1%, 1/10W (V81349) 705-5975-290 R702		1
R 58	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R705 (USED ON ITEM 1A) (SUPSD BY 58C)		1
R 58A	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R705 (USED ON ITEM 1B) (SUPSD BY ITEM 58B)		1
R 58B	RJ24CP103		2	RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R705 (USED ON 1B) (SUPSD BY 58D)		1
R -58C	3292P1-103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A) (SUPSDS 58)		1
R -58D	RJ24CP103		2	RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 (USED ON 1B) (SUPSDS 58B)		1
R 59	64P202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R703 (USED ON ITEM 1A) (SUPSD BY 59C)		1
R 59A	64P202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R703 (USED ON ITEM 1B) (SUPSD BY ITEM 59B)		1
R 59B	RJ24CP202		2	RESISTOR, VARIABLE NONWIRE-WOUND, 2K, 10%, 1/2W (V32997) 380-1080-080 R703 (USED ON ITEM 1B) (SUPSDS ITEM 59A)		1
R -59C	3292P1-202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V80294) 382-0052-080 (USED ON 1A) (SUPSDS 59)		1
60	RN55D3652F		2	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000 R709		1
61	RN55D1542F		2	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000 R745		1
R 62	64P501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R701 (USED ON 1A) (SUPSD BY 62C)		1
R 62A	64P501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R701 (USED ON ITEM 1B) (SUPSD BY ITEM 62B)		1
R 62B	RJ24CP501		2	RESISTOR, VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-060 R701 (USED ON ITEM 1B) (SUPSDS ITEM 62A)		1
R -62C	3292P1-501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V80294) 382-0052-060 (USED ON 1A) (SUPSDS 62)		1
63	RN55E4021B		2	RESISTOR, FIXED FILM, 4.02K, 0.1%, 1/10W (V81349) 705-5974-700 R712		1
64	RN55E4021B		2	RESISTOR, FIXED FILM, 4.02K, 0.1%, 1/10W (V81349) 705-5974-700 R713		1
65	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R714		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9 66	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R746		1
67	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R722		1
68	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R737		1
69	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R741		1
70	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R738		1
71	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R740		1
72	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R717		1
73	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R715		1
74	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R716		1
75	RN55E4021B		2	RESISTOR, FIXED FILM, 4.02K, 0.1%, 1/10W (V81349) 705-5974-700 R736		1
76	RN55E4021B		2	RESISTOR, FIXED FILM, 4.02K, 0.1%, 1/10W (V81349) 705-5974-700 R735		1
R 77	64P501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R723 (USED ON 1A) (SUPSD BY 77C)		1
R 77A	64P501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R723 (USED ON ITEM 1B) (SUPSD BY ITEM 77A)		1
R 77B	RJ24CP501		2	RESISTOR, VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-060 R723 (USED ON ITEM 1B) (SUPSDS ITEM 77A)		1
R -77C	3292P1-501		2	RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V80294) 382-0052-060 (USED ON 1A) (SUPSDS 77)		1
R 78	64P202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R725 (USED ON 1A) (SUPSD BY 78C)		1
R 78A	64P202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R725 (USED ON ITEM 1B) (SUPSD BY ITEM 78B)		1
R 78B	RJ24CP202		2	RESISTOR, VARIABLE NONWIRE-WOUND, 2K, 10%, 1/2W (V32997) 380-1080-080 R725 (USED ON ITEM 1B) (SUPSDS ITEM 78A)		1
R -78C	3292P1-202		2	RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V80294) 382-0052-080 (USED ON 1A) (SUPSDS 78)		1
R 79	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R727 (USED ON 1A) (SUPSD BY 79C)		1
R 79A	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R727 (USED ON ITEM 1B) (SUPSD BY ITEM 79B)		1
R 79B	RJ24CP103		2	RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R727 (USED ON ITEM 1B) (SUPSDS ITEM 79A)		1
R -79C	3292P1-103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A) (SUPSDS 79)		1
80	RN55E8061B		2	RESISTOR, FIXED FILM, 8.06K, 0.1%, 1/10W (V81349) 705-5975-290 R724 (SUPSD BY ITEM 80A)		1

- ITEM NOT ILLUSTRATED

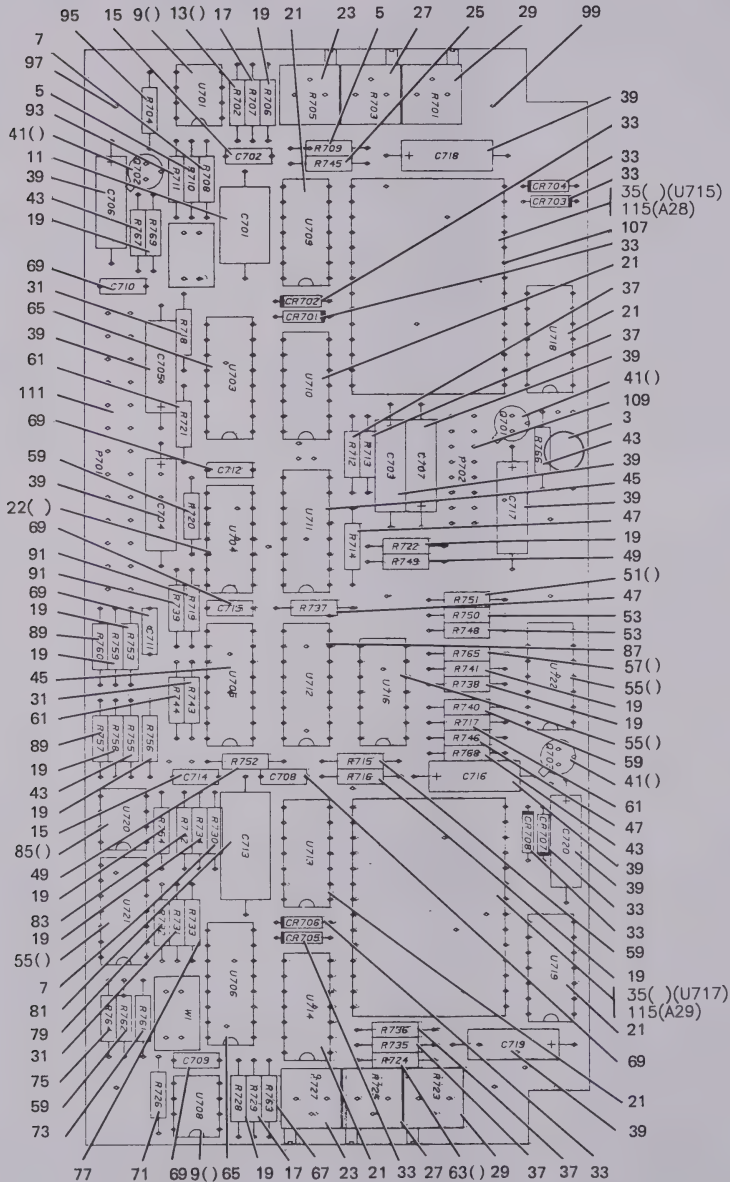
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9 80A	RN55E5901B		2	RESISTOR, FIXED FILM, 5.9K, 0.1%, 1/10W (V81349) 705-5975-030 R724 (SUPSDS ITEM 80)		1
81	RN55D9092F		2	RESISTOR, FIXED FILM, 90.9K, 1%, 1/8W (V81349) 705-1090-000 R729		1
82	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R728		1
83	RN55D1821F		2	RESISTOR, FIXED FILM, 1.82K, 1%, 1/8W (V81349) 705-3605-120 R726		1
84	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R731		1
85	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R732		1
86	RN55D7872F		2	RESISTOR, FIXED FILM, 78.7K, 1%, 1/8W (V81349) 705-1087-000 R733		1
87	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R742		1
88	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R734		1
89	RCR07G101JS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 5%, 1/4W (V81349) 745-0712-000 R730		1
90	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R744		1
91	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R743		1
92	RN55D6652F		2	RESISTOR, FIXED FILM, 66.5K, 1%, 1/8W (V81349) 705-3605-870 R739		1
93	RN55D6652F		2	RESISTOR, FIXED FILM, 66.5K, 1%, 1/8W (V81349) 705-3605-870 R719		1
94	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R720		1
95	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R721		1
96	372-2624-022		2	HOUSING, CONNECTOR ELEC P701 (USED ON ITEM 1A)		1
96A	372-2624-022		2	HOUSING, CONNECTOR ELEC P701 (USED ON ITEM 1B) (SUPSD BY ITEM 96B)		1
96B	372-2334-140		2	CONNECTOR, ELEC (V00779) P701 (USED ON ITEM 1B) (SUPSDS ITEM 96A)		1
97	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEM 1A)		26
R 97A	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (DELETED BY REV) (USED ON ITEM 1B)		26
98	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R718		1
R 99	220-0076-010		2	SOCKET, LEAD (V22526) EFF TO SB 21		56
100	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP6-9021-017

Expanded ILS Monitor Circuit Card Assembly A7
 Figure 9A

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 9A-1	642-4227-001		1	CIRCUIT CARD ASSY, EXPANDED ILS MONITOR A7 (SEE FIG 1-12B AND 12E FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V,X,Y Z,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AT,AU,AV AX,AY,AZ	RF
3	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
5	RN55D3652F		2	RESISTOR, FIXED FILM, 36.5K, 1%, 1/8W (V81349) 705-1071-000 R709 R710		2
7	RCR07G101JS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 5%, 1/4W (V81349) 745-0712-000 R708 R730		2
R 9	351-1261-030		2	MICROCIRCUIT (ESDS) U701 U708 (SUPSD BY ITEM 9A)		2
9A	0P20-027Z		2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U701 U708 SB 21 (SUPSDS ITEM 9)		2
11	LP88A1A474J		2	CAPACITOR, FIXED PLSTC DIEL, 0.47UF, 5%, 50V (V56289) 933-1084-210 C701		1
13	RN55E8061B		2	RESISTOR, FIXED FILM, 8.06K, 0.1%, 1/10W (V81349) 705-5975-290 R702 (SUPSD BY ITEM 13A)		1
13A	RN55D6811F		2	RESISTOR, FIXED FILM, 6.81K, 1%, 1/8W (V81349) 705-1036-000 R702 (SUPSDS ITEM 13)		1
15	M39014-22-0158		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 100VDC (V81349) 913-3665-270 C702 C714		2
17	RN55D9092F		2	RESISTOR, FIXED FILM, 90.9K, 1%, 1/8W (V81349) 705-1090-000 R707 R729		2
19	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R706 R716 R722 R728 R734 R738 R741 R753 R754 R756 R758 R759 R769		13
R 21	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U709 U710 U713 U714 U718 U719		6
R 22	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U704 (SUPSD BY 22A)		1
R -22A	351-0773-010		2	MICROCIRCUIT (ESDS) (SUPSDS 22)		1
R 23	RJ24CP103		2	RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R705 R727		2
25	RN55D1542F		2	RESISTOR, FIXED FILM, 15.4K, 1%, 1/8W (V81349) 705-1053-000 R745		1
R 27	RJ24CP202		2	RESISTOR, VARIABLE NONWIRE-WOUND, 2K, 10%, 1/2W (V32997) 380-1080-080 R703 R725		2
R 29	RJ24CP501		2	RESISTOR, VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-060 R701 R723		2
31	RN55D2492F		2	RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R718 R731 R743		3
33	1N4454-1		2	DIODE (V12969) 353-3644-010 CR701 CR702 CR703 CR704 CR705 CR706 CR707 CR708		8
35	ILS5515		2	MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U715 U717 (SUPSD BY ITEM 35A)		2
R 35A	ATF325		2	MICROCIRCUIT (ESDS) (V25403) 351-2420-020 U715 U717 (SUPSD BY 115)		2
37	RN55E4021B		2	RESISTOR, FIXED FILM, 4.02K, 0.1%, 1/10W (V81349) 705-5974-700 R712 R713 R735 R736		4

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9A 39	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C703 C704 C705 C706 C707 C716 C717 C718 C719 C720		10
41	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q701 Q702 Q703 (SUPSD BY ITEM 41A)		3
41A	2N3700		2	TRANSISTOR (V49956) 352-0734-020 Q701 Q702 Q703 (SUPSDS ITEM 41)		3
43	RN55D3012F		2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R755 R766 R767 R768		4
45	698-3R100KD		2	RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U705 U711		2
47	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R714 R737 R746		3
49	RN55D3013F		2	RESISTOR, FIXED FILM, 301K, 1%, 1/8W (V81349) 705-1115-000 R749 R752		2
51	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R751 (SUPSD BY ITEM 51A)		1
51A	642-0760-001		2	RESISTOR, TEST SELECT R751 (SUPSDS ITEM 51)		1
-51B	RN55D5360F		3	RESISTOR, FIXED FILM, 536 OHMS, 1%, 1/8W (V81349) 705-0983-000		AR
-51C	RN55D5620F		3	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000		AR
-51D	RN55D5900F		3	RESISTOR, FIXED FILM, 590 OHMS, 1%, 1/8W (V81349) 705-0985-000		AR
-51E	RN55D5230F		3	RESISTOR, FIXED FILM, 523 OHMS, 1%, 1/8W (V81349) 705-3600-830		AR
-51F	RN55D5490F		3	RESISTOR, FIXED FILM, 549 OHMS, 1%, 1/8W (V81349) 705-3600-840		AR
-51G	RN55D5760F		3	RESISTOR, FIXED FILM, 576 OHMS, 1%, 1/8W (V81349) 705-3600-850		AR
-51H	RN55D6040F		3	RESISTOR, FIXED FILM, 604 OHMS, 1%, 1/8W (V81349) 705-3600-860		AR
53	RN55D4871F		2	RESISTOR, FIXED FILM, 4.87K, 1%, 1/8W (V81349) 705-1029-000 R748 R750		2
55	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U716 U721 U722 (SUPSD BY ITEM 55A)		3
R 55A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U716 U721 U722 (SUPSDS ITEM 55)		3
57	RN55D6190F		2	RESISTOR, FIXED FILM, 619 OHMS, 1%, 1/8W (V81349) 705-0986-000 R765 (SUPSD BY ITEM 57A)		1
57A	642-0759-001		2	RESISTOR, TEST SELECT R765 (SUPSDS ITEM 57)		1
-57B	RN55D5620F		3	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000		AR
-57C	RN55D5900F		3	RESISTOR, FIXED FILM, 590 OHMS, 1%, 1/8W (V81349) 705-0985-000		AR
-57D	RN55D6190F		3	RESISTOR, FIXED FILM, 619 OHMS, 1%, 1/8W (V81349) 705-0986-000		AR
-57E	RN55D6490F		3	RESISTOR, FIXED FILM, 649 OHMS, 1%, 1/8W (V81349) 705-0987-000		AR
-57F	RN55D6810F		3	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000		AR
-57G	RN55D7150F		3	RESISTOR, FIXED FILM, 715 OHMS, 1%, 1/8W (V81349) 705-0989-000		AR
-57H	RN55D5490F		3	RESISTOR, FIXED FILM, 549 OHMS, 1%, 1/8W (V81349) 705-3600-840		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9A-57J	RN55D5760F		3	RESISTOR, FIXED FILM, 576 OHMS, 1%, 1/8W (V81349) 705-3600-850		AR
-57K	RN55D6040F		3	RESISTOR, FIXED FILM, 604 OHMS, 1%, 1/8W (V81349) 705-3600-860		AR
-57L	RN55D6340F		3	RESISTOR, FIXED FILM, 634 OHMS, 1%, 1/8W (V81349) 705-3600-870		AR
-57M	RN55D6650F		3	RESISTOR, FIXED FILM, 665 OHMS, 1%, 1/8W (V81349) 705-3600-880		AR
-57N	RN55D6980F		3	RESISTOR, FIXED FILM, 698 OHMS, 1%, 1/8W (V81349) 705-3600-890		AR
59	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R715 R720 R740 R762		4
61	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R717 R721 R744		3
63	RN55E5901B		2	RESISTOR, FIXED FILM, 5.9K, 0.1%, 1/10W (V81349) 705-5975-030 R724 (SUPSD BY ITEM 63A)		1
63A	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R724 (SUPSDS ITEM 63)		1
65	698-3R100KF		2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U703 U706		2
67	RN55D1741F		2	RESISTOR, FIXED FILM, 1.74K, 1%, 1/8W (V81349) 705-3605-110 R763		1
69	M39014-22-0195		2	CAPACITOR, FIXED, CER DIEL, 0.10UF, 20%, 50V (V81349) 913-3665-030 C708 C709 C710 C711 C712 C715		6
71	RN55D1821F		2	RESISTOR, FIXED FILM, 1.82K, 1%, 1/8W (V81349) 705-3605-120 R726		1
73	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R761		1
75	RN55D2101F		2	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 R764		1
77	RN55D7872F		2	RESISTOR, FIXED FILM, 78.7K, 1%, 1/8W (V81349) 705-1087-000 R733		1
79	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R732		1
81	LP88A1A105J		2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C713		1
83	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R742		1
85	SG1558Y		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V34333) 351-1286-010 U720 (SUPSD BY ITEM 85A)		1
R 85A	RM4558DE		2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U720 (SUPSDS ITEM 85)		1
87	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U712		1
89	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R757 R760		2
91	RN55D6652F		2	RESISTOR, FIXED FILM, 66.5K, 1%, 1/8W (V81349) 705-3605-870 R719 R739		2
93	RN55D2212F		2	RESISTOR, FIXED FILM, 22.1K, 1%, 1/8W (V81349) 705-3605-640 R711		1
95	RN55D2261F		2	RESISTOR, FIXED FILM, 2.26K, 1%, 1/8W (V81349) 705-1013-000 R704		1
97	635-5715-001		2	POST		1
99	608-6430-003		2	POST		4
				ATTACHING PARTS		
-101	629-6561-013		2	SCREW		5

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

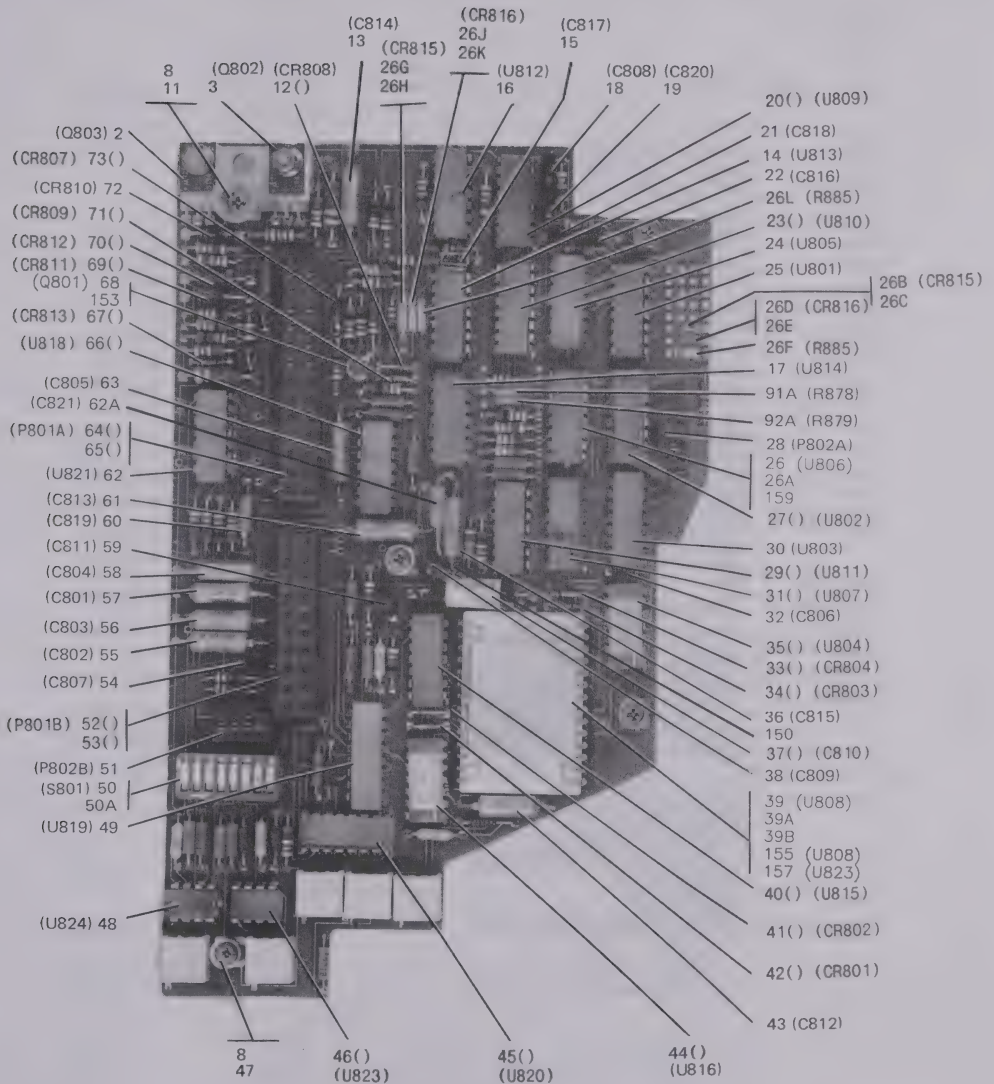
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
9A-103	310-0278-000			2 WASHER, LOCK SST, 0.115 ID X 0.202 OD (V70318)		5
R -105	340-0694-000			2 SLEEVE, SPRING (V91314) 340-0644-000 (SUPSD BY ITEM 105A)		5
R -105A	340-0644-000			2 SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (SUPSDS ITEM 105)		5
R 107	220-0076-010			2 SOCKET, LEAD (V22526) (DELETED BY REVISION)		56
R 109	86418-5			2 CONNECTOR, RCPT (V00779) 372-0033-020 P702		1
	111 372-2334-140			2 CONNECTOR, ELEC (V00779) P701		1
	113 NA1104-045			2 CONTACT, ELECTRICAL (V57863) 372-2601-045 (ADDED BY REVISION)		4
R 115	676-7468-001			2 CIRCUIT CARD, LOC/GLS FILTER A28 A29 (SEE FIG 30)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

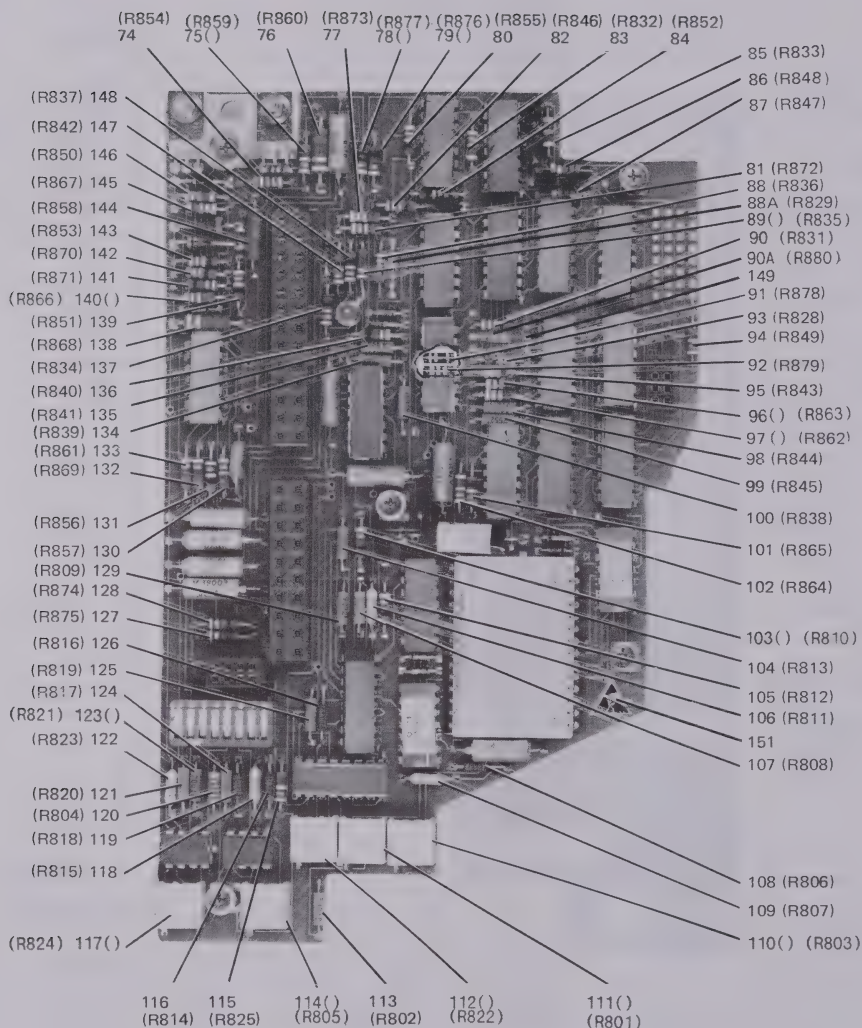


TP5-5149-027

VOR/ILS Instrumentation Circuit Card Assembly A8
 Figure 10 (Sheet 1 of 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5149-027

VOR/ILS Instrumentation Circuit Card Assembly A8
Figure 10 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
10-1A	601-4208-001		1	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 1-13,13C,13F FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,X W	RF
-1B	601-4208-004		1	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 1-13A FOR NHA)		RF
R -1C	642-4208-001		1	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 1-13B/13D/13E/13G/13J FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Z,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AS,AT,AU AV,AW,AX AZ Y,AY	RF
R -1D	642-4208-002		1	CIRCUIT CARD ASSY, VOR/ILS INSTRUMENTATION A8 (SEE FIG 1-13H FOR NHA)		RF
	2	2N5194	2	TRANSISTOR,POWER (V04713) 352-0923-020 Q803		1
	3	2N5194	2	TRANSISTOR,POWER (V04713) 352-0923-020 Q802		1
R -4	313-0132-000		2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V77250) (AP FOR 2,3) (SUPSD BY ITEM 4A)		2
R -4A	NAS671C4		2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (AP FOR 2,3) (SUPSDS ITEM 4)		2
R -5	4704-04-01-4102		2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000 (AP FOR 2,3)		2
-6	43-77-1		2	INSULATOR,PLATE (V13103) 352-9605-220 (AP FOR 2,3)		2
-7	MS51957-15		2	SCREW,MACHINE STL, 4-40 X 3/8 (V96906) 343-0135-000 (AP FOR 2,3)		2
	8	629-6561-013	2	SCREW		5
-9	310-0278-000		2	WASHER,LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		5
R -10	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 10A)		5
R -10A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 10)		5
	11	635-5715-001	2	POST		1
	12	DA27395E	2	SEMICONV DEVICE (V03508) 353-3644-000 CR808 (SUPSD BY ITEM 12A)		1
	12A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR808 (SUPSDS ITEM 12)		1
	13	M39003-01-2271	2	CAPACITOR,FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C814		1
R 14	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U813		1
	15	CK05BX104K	2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C817		1
	16	CD4085BF	2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U812		1
	17	314B104	2	RESISTOR NETWORK DUAL-IN-LINE, 100K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-180 U814		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	10 18	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C808		1
R	19	CK05BX103K	2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C820		1
	20	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U809 (SUPSD BY ITEM 20A)		1
	20A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U809 (SUPSDS ITEM 20)		1
R	21	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C818		1
R	22	CK05BX103K	2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C816		1
	23	CD4049MJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U810 (SUPSD BY ITEM I3A)		1
	23A	CD4049UBF	2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U810 (SUPSDS ITEM 23)		1
	24	CD4085BF	2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U805		1
	25	MC14572UBCP	2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U801		1
	26	CD4027BMJ	2	INTEGRATED CIRCUIT (ESDS) (V27014) 351-8258-010 U806 (SUPSD BY ITEM 26A)		1
R	26A	MC14027BAL	2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U806 (SUPSD BY 159)		1
R	26B	1N4454	2	DIODE (V12969) 353-3644-010 CR815 (USED ON ITEMS 1A AND 1B) EFF SB 11 (SUPSD BY 26C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	26C	1N4454-1	2	DIODE (V12969) 353-3644-010 CR815 (USED ON ITEMS 1A AND 1B) (SUPSDS ITEM 26B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	26D	1N4454	2	DIODE (V12969) 353-3644-010 CR816 (USED ON ITEMS 1A AND 1B) EFF SB 11 (SUPSD BY 26E)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	26E	1N4454-1	2	DIODE (V12969) 353-3644-010 CR816 (USED ON ITEMS 1A AND 1B) (SUPSDS ITEM 26D)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	26F	RCR05G123KS	2	RESISTOR, FIXED CMPSN, 12K, 10%, 1/8W (V81349) 745-2380-000 R885 (USED ON 1A/1B) EFF SB 11	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	26G	1N4454	2	DIODE (V12969) 353-3644-010 CR815 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 26H)		1
	26H	1N4454-1	2	DIODE (V12969) 353-3644-010 CR815 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 26G)		1
R	26J	1N4454	2	DIODE (V12969) 353-3644-010 CR816 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 26K)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	NOMEN CLATURE	EFFECT CODE	UNITS PER ASSY
10 26K	1N4454-1		2 DIODE (V12969) 353-3644-010 CR816 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 26J)		1
26L	RCR05G123KS		2 RESISTOR, FIXED CMPSN, 12K, 10%, 1/8W (V81349) 745-2380-000 R885 (USED ON ITEMS 1C AND 1D)		1
27	4020BDM		2 INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U802 (SUPSD BY ITEM 27A)		1
27A	CD4020BF		2 INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U802 (SUPSDS ITEM 27)		1
R 28	86418-7		2 CONNECTOR, RCPT (V00779) 372-0033-010 P802A		1
29	LM3302N		2 INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U811 (SUPSD BY ITEM 29A)		1
R 29A	SG3302N		2 INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U811 (SUPSDS ITEM 29)		1
R 30	MC14070BAL		2 MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U803		1
31	CD4029BF		2 INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U807 (SUPSD BY ITEM 31A)		1
31A	MC14029BAL		2 INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U807 (SUPSDS ITEM 31)		1
32	CK05BX104K		2 CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C806		1
R 33	1N4454		2 DIODE (V12969) 353-3644-010 CR804 (SUPSD BY ITEM 33A)		1
33A	1N4454-1		2 DIODE (V12969) 353-3644-010 CR804 (SUPSDS ITEM 33)		1
R 34	1N4454		2 DIODE (V12969) 353-3644-010 CR803 (SUPSD BY ITEM 34A)		1
34A	1N4454-1		2 DIODE (V12969) 353-3644-010 CR803 (SUPSDS ITEM 34)		1
35	UA148DM		2 INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U804 (SUPSD BY ITEM 35A)		1
35A	LM148J		2 INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U804 (SUPSDS ITEM 35)		1
36	M39003-01-2246		2 CAPACITOR, FIXED ELCTLT, 56UF, 10%, 6V (V81349) 184-9086-060 C815		1
37	LP88A1A105J		2 CAPACITOR, FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C810 (EFF TO REV LTR L)		1
37A	LP88A1A105G		2 CAPACITOR, FIXED PLSTC DIEL, 1UF, 2%, 50V (V56289) 933-0264-250 C810 (EFF REV L)		1
38	CK05BX104K		2 CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C809		1
R 39	ILS5515		2 MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U808 (USED ON 1C/1D) (SUPSD BY 157)		1
R 39A	ATF325		2 MICROCIRCUIT (ESDS) (V25403) 351-2420-020 U808 (USED ON 1C/1D) (SUPSD BY 157)		1
R 39B	220-0076-010		2 SOCKET, LEAD (V22526) EFF TO SB 21		28
40	UA148DM		2 INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U815 (SUPSD BY ITEM 40A)		1
40A	LM148J		2 INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U815 (SUPSDS ITEM 40)		1
R 41	1N4454		2 DIODE (V12969) 353-3644-010 CR802 (SUPSD BY ITEM 41A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	10 41A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR802 (SUPSDS ITEM 41)		1
R	42	1N4454	2	DIODE (V12969) 353-3644-010 CR801 (SUPSD BY ITEM 42A)		1
	42A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR801 (SUPSDS ITEM 42)		1
	43	M39003-01-2244	2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 6V (V81349) 184-9086-040 C812		1
	44	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U816 (SUPSD BY ITEM 44A)		1
	44A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U816 (SUPSDS ITEM 44)		1
	45	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U820 (SUPSD BY ITEM 45A)		1
	45A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U820 (SUPSDS ITEM 45)		1
R	46	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U823 (SUPSD BY ITEM 46A)		1
	46A	OP20-027Z	2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U823 SB 21 (SUPSDS ITEM 46)		1
	47	608-6430-003	2	POST		4
R	48	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U824		1
	49	698-3R100KF	2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U819		1
R	50	4-435668-5	2	SWITCH, DUAL PKG (V00779) 266-0243-240 S801 EFF TO SB 19		1
R	50A	435238-5	2	SWITCH, DIP (V00779) 266-0243-510 (DELETED BY REVISION)		1
R	51	86418-7	2	CONNECTOR, RCPT (V00779) 372-0033-010 P802B		1
	52	372-2624-019	2	HOUSING, CONNECTOR ELEC (USED ON ITEMS 1A AND 1B)		1
	52A	372-2624-019	2	HOUSING, CONNECTOR ELEC P801B (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 52B)		1
	52B	102645-3	2	CONNECTOR, ELEC (V00779) 372-2334-110 P801B (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 52A)		1
	53	372-2252-020	2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	20
R	53A	372-2252-020	2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1C AND 1D) (DELETED BY REVISION)		20
	54	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C807		1
	55	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C802		1
	56	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C803		1
	57	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C801		1
	58	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C804		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 10 59	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C811		1
R 60	M39003-03-0116		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 10V (V81349) 184-6329-170 C819		1
61	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C813		1
62	MPQ6001		2	INTEGRATED CIRCUIT TRANSISTOR ARRAY (ESDS) (V04713) 351-0053-010 U821		1
R 62A	M39003-01-2246		2	CAPACITOR, FIXED ELCTLT, 56UF, 10%, 6V (V81349) 184-9086-060 C821 (USED ON 1A) EFF SB 7	A,B,D	1
63	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C805		1
64	372-2624-022		2	HOUSING, CONNECTOR ELEC (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
64A	372-2624-022		2	HOUSING, CONNECTOR ELEC P801A (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 64B)		1
64B	372-2334-140		2	CONNECTOR, ELEC (V00779) P801A (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 64A)		1
65	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	26
R 65A	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEMS 1C AND 1D) (DELETED BY REVISION)		26
66	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U818 (SUPSD BY ITEM 66A)		1
66A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U818 (SUPSDS ITEM 66)		1
R 67	1N4454		2	DIODE (V12969) 353-3644-010 CR813 (SUPSD BY ITEM 67A)		1
67A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR813 (SUPSDS ITEM 67)		1
R 68	2N2608		2	TRANSISTOR (ESDS) (V04713) 352-0605-010 Q801		1
69	IN4005		2	SEMICONV DEVICE (V04713) 353-6442-050 CR811 (SUPSD BY ITEM 69A)		1
R 69A	1N4005GP		2	SEMICONV DEVICE (V14936) 353-6442-050 CR811 (SUPSDS ITEM 69)		1
70	IN4005		2	SEMICONV DEVICE (V04713) 353-6442-050 CR812 (SUPSD BY ITEM 70A)		1
R 70A	1N4005GP		2	SEMICONV DEVICE (V14936) 353-6442-050 CR812 (SUPSDS ITEM 70)		1
R 71	1N4454		2	DIODE (V12969) 353-3644-010 CR809 (SUPSD BY ITEM 71A)		1
71A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR809 (SUPSDS ITEM 71)		1
R 72	JAN1N5614		2	SEMICONV DEVICE (V81350) 353-9009-510 CR810		1
R 73	1N4454		2	DIODE (V12969) 353-3644-010 CR807 (SUPSD BY ITEM 73A)		1
73A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR807 (SUPSDS ITEM 73)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
10 74	RCR07G393KS		2	RESISTOR, FIXED CMPSN, 39K, 10%, 1/4W (V81349) 745-0806-000 R854		1
75	RCR07G824KS		2	RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R859 SB 8 (SUPSD BY ITEM 75A)		1
75A	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R859 SB 11 (SUPSDS ITEM 75)		1
76	RCR20G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/2W (V81349) 745-1370-000 R860		1
77	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R873		1
78	RCR07G100KS		2	RESISTOR, FIXED CMPSN, 10 OHMS, 10%, 1/4W (V81349) 745-0677-000 R877 SB 11 (SUPSD BY ITEM 78A)		1
R 78A	RN55D27R4F		2	RESISTOR, FIXED FILM, 27.4 OHMS, 1%, 1/8W (V81349) 705-0921-000 R877 SB 11 (SUPSDS ITEM 78)		1
79	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R876 SB 11 (SUPSD BY ITEM 79A)		1
79A	RN55D1500F		2	RESISTOR, FIXED FILM, 150 OHMS, 1%, 1/8W (V81349) 705-3600-570 R876 SB 11 (SUPSDS ITEM 79)		1
80	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R855		1
81	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R872		1
82	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R846		1
83	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R832		1
84	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R852		1
85	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R833		1
86	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R848		1
87	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R847		1
88	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R836		1
88A	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R829 SB 8 (EFF REV LTR P)		1
89	RCR07G152KS		2	RESISTOR, FIXED CMPSN, 1.5K, 10%, 1/4W (V81349) 745-0755-000 R835 SB 11 (SUPSD BY ITEM 89A)		1
89A	RN55D1501F		2	RESISTOR, FIXED FILM, 1.5K, 1%, 1/8W (V81349) 705-3605-080 R835 SB 11 (SUPSDS ITEM 89)		1
90	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R831		1
R 90A	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R880 EFF SB 7		1
91	RCR05G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/8W (V81349) 745-2389-000 R878 (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
10 91A	RCR05G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/8W (V81349) 745-2389-000 R878 (USED ON ITEMS 1C AND 1D)		1
92	RCR05G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/8W (V81349) 745-2389-000 R879 (USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
92A	RCR05G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/8W (V81349) 745-2389-000 R879 (USED ON ITEMS 1C AND 1D)		1
93	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R828		1
94	RCR07G753JS		2	RESISTOR, FIXED CMPSN, 75K, 5%, 1/4W (V81349) 745-0816-000 R849		1
95	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R843		1
R 96	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R863 (USED ON 1A) EFF TO SB 7	A,B,D	1
R 96A	RN55D1652F		2	RESISTOR, FIXED FILM, 16.5K, 1%, 1/8W (V81349) 705-3605-580 R863 (USED ON 1A) EFF SB 7	A,B,D	1
96B	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R863	C,E,F,G H,J,K,L M,N,P,Q R,S,T,U V,W,X,Y	1
R 97	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R862 (USED ON 1A) EFF TO SB 7	A,B,D	1
R 97A	RN55D1652F		2	RESISTOR, FIXED FILM, 16.5K, 1%, 1/8W (V81349) 705-3605-580 R862 (USED ON 1A) EFF SB 7	A,B,D	1
97B	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R862	C,E,F,G H,J,K,L M,N,P,Q R,S,T,U V,W,X,Y	1
98	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R844		1
99	RN55D2552F		2	RESISTOR, FIXED FILM, 25.5K, 1%, 1/8W (V81349) 705-3605-670 R845		1
100	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R838		1
101	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R865		1
102	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R864		1
103	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R810 (EFF TO REV LTR J)		1
103A	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R810 (EFF REV J)		1
104	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R813		1
105	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R812		1
106	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R811		1
107	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R808		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	NOT ILLUSTRATED	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
10 108	RN55D5902F			2 RESISTOR, FIXED FILM, 59K, 1%, 1/8W (V81349) 705-1081-000 R806		1
109	RN55D1332F			2 RESISTOR, FIXED FILM, 13.3K, 1%, 1/8W (V81349) 705-1050-000 R807		1
R 110	64P202			2 RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R803 (USED ON 1A/1B) (SUPSD BY 110C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 110A	64P202			2 RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V02111) 382-0052-080 R803 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 110B)		1
R 110B	RJ24CP202			2 RESISTOR, VARIABLE NONWIRE-WOUND, 2K, 10%, 1/2W (V32997) 380-1080-080 R803 (SUPSDS ITEM 110A)		1
R -110C	3292P1-202			2 RESISTOR, VAR, NWW, 2K, 10%, 1/2W (V80294) 382-0052-080 (USED ON 1A/1B) (SUPSDS 110)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 111	64P501			2 RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R801 (USED ON 1A/1B) (SUPSD BY 111C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 111A	64P501			2 RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V02111) 382-0052-060 R801 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 111B)		1
R 111B	RJ24CP501			2 RESISTOR, VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-060 R801 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 111A)		1
R -111C	3292P1-501			2 RESISTOR, VAR, NWW, 500 OHMS, 10%, 1/2W (V80294) 382-0052-060 (USED ON 1A/1B) (SUPSDS 111)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 112	64P103			2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R822 SB 8 (USED ON ITEMS 1A AND 1B) (EFF TO REV K)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 112A	64P502			2 RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-090 R822 SB 8 (USED ON 1A/1B) (EFF REV K) (SUPSD BY 112D)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 112B	64P502			2 RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-090 R822 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 112C)		1
R 112C	RJ24CP502			2 RESISTOR, VARIABLE NONWIRE-WOUND, 5K, 10%, 1/2W (V32997) 380-1080-090 R822 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 112B)		1
R -112D	3292P1-103			2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A/1B) (SUPSDS 112A)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	10 113	RN55E5901B		2 RESISTOR, FIXED FILM, 5.9K, 0.1%, 1/10W (V81349) 705-5975-030 R802		1
R	114	64P103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R805 (USED ON 1A/1B) (SUPSD BY 114C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	114A	64P103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R805 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 114B)		1
R	114B	RJ24CP103		2 RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R805 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 114A)		1
R	114C	3292P1-103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A/1B) (SUPSDS 114)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	115	RCR07G824KS		2 RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R825		1
	116	RN55D1782F		2 RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R814		1
R	117	64P103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R824 (USED ON 1A/1B) (SUPSD BY 117C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	117A	64P103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R824 (USED ON ITEMS 1C AND 1D) (SUPSD BY ITEM 117B)		1
R	117B	RJ24CP103		2 RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R824 (USED ON ITEMS 1C AND 1D) (SUPSDS ITEM 117A)		1
R	-117C	3292P1-103		2 RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V80294) 382-0052-100 (USED ON 1A/1B) (SUPSDS 117)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
	118	RN55D2942F		2 RESISTOR, FIXED FILM, 29.4K, 1%, 1/8W (V81349) 705-3605-700 R815		1
	119	RN55D4022F		2 RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R818		1
	120	RN55D1821F		2 RESISTOR, FIXED FILM, 1.82K, 1%, 1/8W (V81349) 705-3605-120 R804		1
	121	RN55D1002F		2 RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R820		1
	122	RN55D3321F		2 RESISTOR, FIXED FILM, 3.32K, 1%, 1/8W (V81349) 705-1021-000 R823		1
	123	RN55D2001F		2 RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R821 SB 8 (EFF TO REV LTR K)		1
	123A	RN55D3921F		2 RESISTOR, FIXED FILM, 3.92K, 1%, 1/8W (V81349) 705-3605-280 R821 SB 8 (EFF REV K)		1
	124	RN55D2492F		2 RESISTOR, FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R817		1
	125	RN55D7872F		2 RESISTOR, FIXED FILM, 78.7K, 1%, 1/8W (V81349) 705-1087-000 R819		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
10 126	RN55D6812F		2	RESISTOR, FIXED FILM, 68.1K, 1%, 1/8W (V81349) 705-1084-000 R816		1
127	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R875		1
128	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R874		1
129	RN55D9092F		2	RESISTOR, FIXED FILM, 90.9K, 1%, 1/8W (V81349) 705-1090-000 R809		1
130	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R857		1
131	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R856		1
132	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R869		1
133	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R861		1
134	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R839		1
135	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R841		1
136	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R840		1
137	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R834		1
138	RCR20G272KS		2	RESISTOR, FIXED CMPSN, 2.7K, 10%, 1/2W (V81349) 745-1370-000 R868		1
139	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R851		1
140	RCR07G824KS		2	RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R866 SB 8 (SUPSD BY ITEM 140A)		1
140A	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R866 SB 8 (SUPSDS ITEM 140)		1
141	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R871		1
142	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R870		1
143	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R853		1
R 144	RW70U1R00F		2	RESISTOR, FIXED WW, 1 OHM, 1%, 1W (V01686) 747-4230-010 R858		1
145	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R867		1
146	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R850		1
147	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R842		1
148	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R837		1
149	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 (USED ON ITEM 1B)	W	1
150	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045 SB 7 (EFF SB7)(USED ON ITEMS 1A AND 1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	2
151	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 153	D306-04		2	INSULATOR, PREFORMED (V06090) 352-9525-000 (USED ON 1C/1D)(ADDED)		1

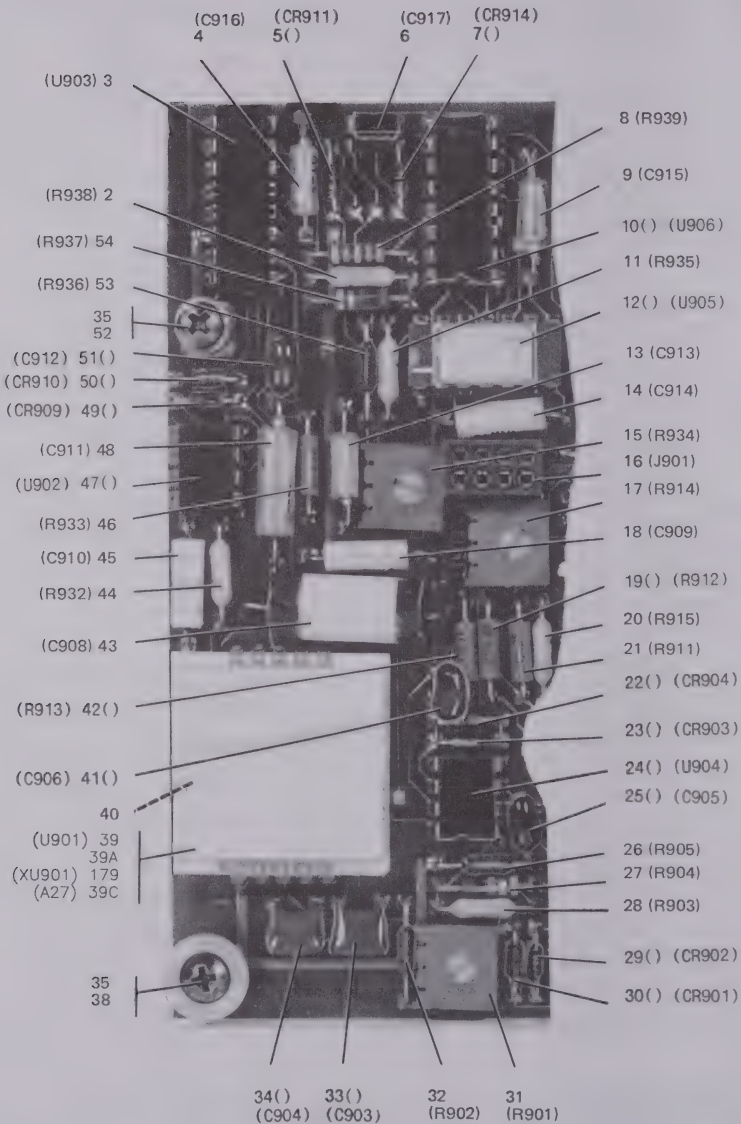
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

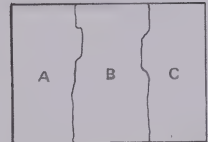
FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 10 155	ILS5515		2	MICROCIRCUIT (ESDS) (V12050) 351-2420-010 U808 (USED ON 1A/1B)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R 157	0P20-027Z		2	MICROCIRCUIT (ESDS) (V06665) 351-0570-010 U823 (USED ON 1C/1D) (SUPSDS 39/39A)		1
R 159	MC14027BCL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U806 (SUPSDS 26/26A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL

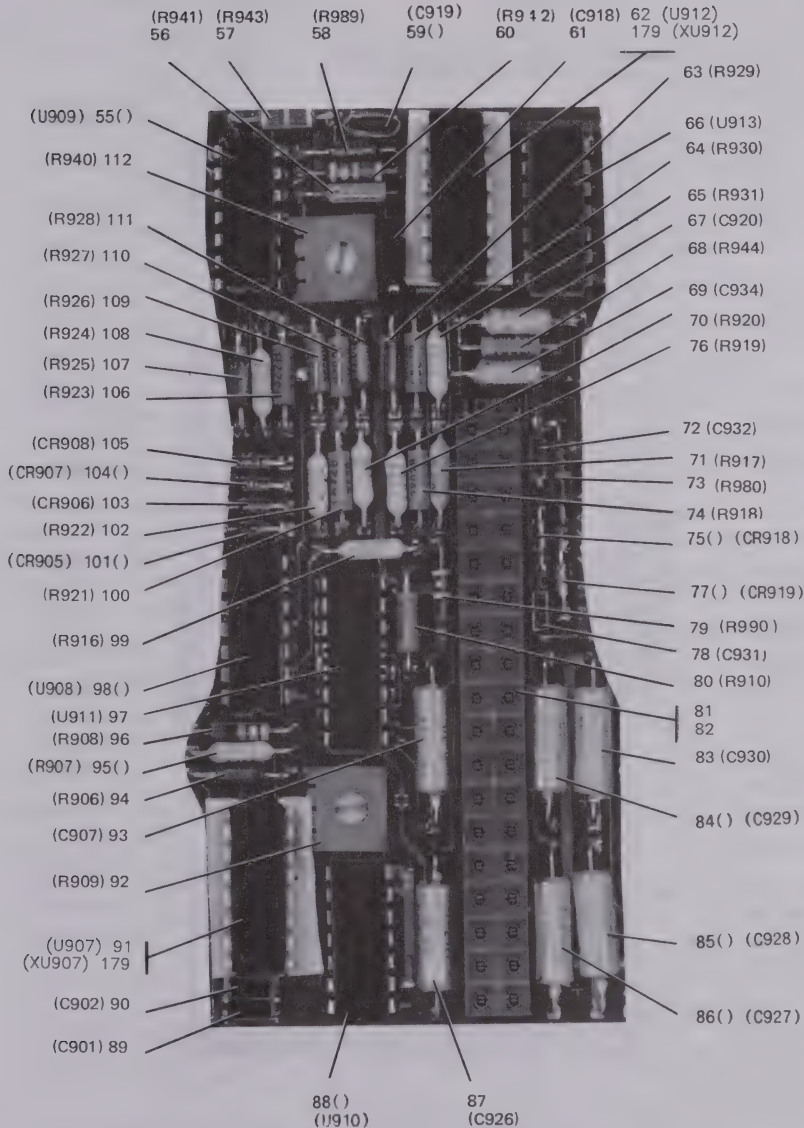


DETAIL A

TP5-4928-037

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

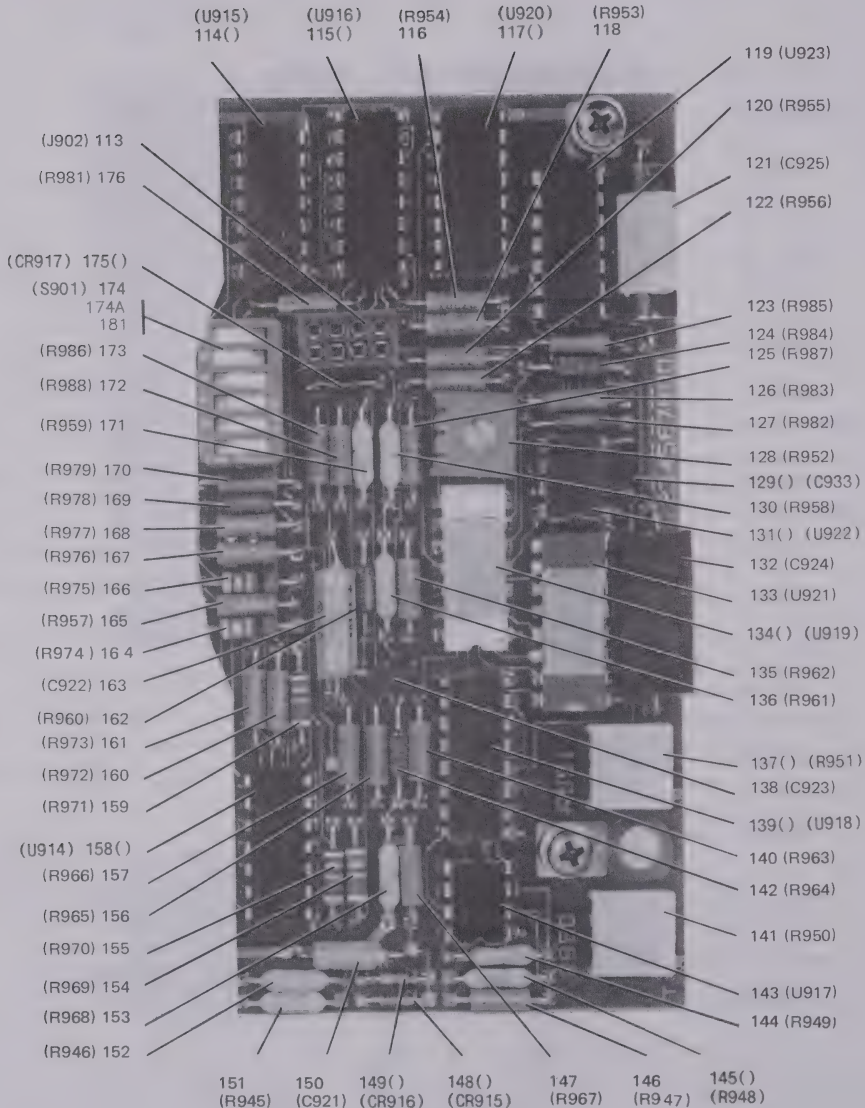


DETAIL B

TP5-4928-037

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL C

TP5-4928-037

Expanded VOR Monitor Circuit Card Assembly A9
Figure 11 (Sheet 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11-1	601-4209-001		1	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 1-14 AND 14C FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V	RF
	2	RN55D4752F	2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R938		1
	3	698-3R10KF	2	RESISTOR NETWORK SIP, 10K, 1%, 0.7W (ESDS) (V73138) 350-4009-020 U903		1
	4	M39003-01-2254	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C916		1
R	5	1N4454	2	DIODE (V12969) 353-3644-010 CR911 (SUPSD BY ITEM 5A)		1
	5A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR911 (SUPSDS ITEM 5)		1
	6	CK05BX104K	2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C917		1
R	7	1N4454	2	DIODE (V12969) 353-3644-010 CR914 (SUPSD BY ITEM 7A)		1
	7A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR914 (SUPSDS ITEM 7)		1
	8	RCR07G334KS	2	RESISTOR, FIXED CMPSN, 0.33MEGO, 10%, 1/4W (V81349) 745-0839-000 R939		1
	9	M39003-01-2254	2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C915		1
	10	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U906 (SUPSD BY ITEM 10A)		1
	10A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U906 (SUPSDS ITEM 10)		1
	11	RN55D4022F	2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R935		1
	12	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U905 (SUPSD BY ITEM 12A)		1
	12A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U905 (SUPSDS ITEM 12)		1
	13	M39003-01-2242	2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C913		1
	14	CRC1-370	2	CAPACITOR, FIXED PLSTC DIE, 0.01UF, 10%, 200V (V04099) 933-1081-370 C914		1
R	15	3386P1-103	2	RESISTOR, VAR 10K , 10% (V80294) 382-0051-080 R934		1
R	16	86418-7	2	CONNECTOR, RCPT (V00779) 372-0033-010 J901		1
R	17	3386P1-503	2	RESISTOR, VAR 50K, 10% (V80294) 382-0051-100 R914		1
	18	CRC1-370	2	CAPACITOR, FIXED PLSTC DIE, 0.01UF, 10%, 200V (V04099) 933-1081-370 C909		1
	19	RN55D2101F	2	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 R912 SB 8 (SUPSD BY ITEM 19A)		1
	19A	RN55D3162F	2	RESISTOR, FIXED FILM, 31.6K, 1%, 1/8W (V81349) 705-1068-000 R912 SB 8 (SUPSDS ITEM 19)		1
	20	RN55D3322F	2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 R915		1
	21	RN55D2052F	2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R911		1
R	22	1N4454	2	DIODE (V12969) 353-3644-010 CR904 (SUPSD BY ITEM 22A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 22A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR904 (SUPSDS ITEM 22)		1
R 23	1N4454		2	DIODE (V12969) 353-3644-010 CR903 (SUPSD BY ITEM 23A)		1
23A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR903 (SUPSDS ITEM 23)		1
24	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U904 (SUPSD BY ITEM 24A)		1
24A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U904 (SUPSDS ITEM 24)		1
25	DM5F401J050WV		2	CAPACITOR,FXD MICA DIEL, 400PF, 5%, 50V (V72136) 912-4141-520 C905 (SUPSD BY ITEM 25A)		1
R 25A	DM5FY401J0		2	CAPACITOR,FXD MICA DIEL, 400PF, 5%, 50V (V61306) 912-4141-520 C905 (SUPSDS ITEM 25)		1
26	RN55D6812F		2	RESISTOR,FIXED FILM, 68.1K, 1%, 1/8W (V81349) 705-1084-000 R905		1
27	RCR07G103KS		2	RESISTOR,FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R904		1
28	RN55D7322F		2	RESISTOR,FIXED FILM, 73.2K, 1%, 1/8W (V81349) 705-3605-890 R903		1
R 29	1N4454		2	DIODE (V12969) 353-3644-010 CR902 (SUPSD BY ITEM 29A)		1
29A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR902 (SUPSDS ITEM 29)		1
R 30	1N4454		2	DIODE (V12969) 353-3644-010 CR901 (SUPSD BY ITEM 30A)		1
30A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR901 (SUPSDS ITEM 30)		1
R 31	3386P1-202		2	RESISTOR,VAR 2000 OHMS, 10% (V80294) 382-0051-060 R901		1
32	RN55D3651F		2	RESISTOR,FIXED FILM, 3.65K, 1%, 1/8W (V81349) 705-1023-000 R902		1
33	8131-100C0G222J		2	CAPACITOR,FIXED CER DIEL, 2200PF, 5%, 100V (V18796) 913-3281-300 C903 (SUPSD BY ITEM 33A)		1
R 33A	300-100NP0-222J		2	CAPACITOR,FIXED CER DIEL, 2200PF, 5%, 100V (V51642) 913-3281-300 C903 (SUPSDS ITEM 33)		1
34	8131-100C0G222J		2	CAPACITOR,FIXED CER DIEL, 2200PF, 5%, 100V (V18796) 913-3281-300 C904 (SUPSD BY ITEM 34A)		1
R 34A	300-100NP0-222J		2	CAPACITOR,FIXED CER DIEL, 2200PF, 5%, 100V (V51642) 913-3281-300 C904 (SUPSDS ITEM 34)		1
35	629-6561-013		2	SCREW		4
-36	310-0278-000		2	WASHER,LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		4
R -37	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 37A)		4
R -37A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 37)		4
38	635-5715-001		2	POST		1
39	V0R5555		2	MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U901 (SUPSD BY ITEM 39A)		1
R 39A	V0R55-55		2	MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U901 (SUPSDS ITEM 39)		1
40	763-0889-002		2	RIVET (EFF TO REV LTR W)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 41	CDFY121J0		2	CAPACITOR,FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR,FIXED (V93790) 912-4141-380 C906 (SUPSD BY ITEM 41A)		1
R 41A	DM5FY121J0		2	CAPACITOR,FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR,FIXED (V61306) 912-4141-380 C906 (SUPSDS ITEM 41)		1
42	RN55D1001F		2	RESISTOR,FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R913 SB 8 (SUPSD BY ITEM 42A)		1
42A	RN55D5620F		2	RESISTOR,FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R913 SB 8 (SUPSDS ITEM 42)		1
43	LP88A1A105J		2	CAPACITOR,FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C908		1
44	RN55D5622F		2	RESISTOR,FIXED FILM, 56.2K, 1%, 1/8W (V81349) 705-1080-000 R932		1
45	CRC1-370		2	CAPACITOR,FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 C910		1
46	RN55D8062F		2	RESISTOR,FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R933		1
47	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U902 (SUPSD BY ITEM 47A)		1
47A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U902 (SUPSDS ITEM 47)		1
48	M39003-01-2257		2	CAPACITOR,FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C911		1
R 49	1N4454		2	DIODE (V12969) 353-3644-010 CR909 (SUPSD BY ITEM 49A)		1
49A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR909 (SUPSDS ITEM 49)		1
R 50	1N4454		2	DIODE (V12969) 353-3644-010 CR910 (SUPSD BY ITEM 50A)		1
50A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR910 (SUPSDS ITEM 50)		1
51	CD5FY121J0		2	CAPACITOR,FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR,FIXED (V93790) 912-4141-380 C912 (SUPSD BY ITEM 51A)		1
R 51A	DM5FY121J0		2	CAPACITOR,FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR,FIXED (V61306) 912-4141-380 C912 (SUPSDS ITEM 51)		1
52	608-6430-003		2	POST		3
53	RN55D2372F		2	RESISTOR,FIXED FILM, 23.7K, 1%, 1/8W (V81349) 705-1062-000 R936		1
54	RCR07G102KS		2	RESISTOR,FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R937		1
55	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U909 (SUPSD BY ITEM 55A)		1
R 55A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U909 (SUPSDS ITEM 55)		1
56	RN55D2102F		2	RESISTOR,FIXED FILM, 21K, 1%, 1/8W (V81349) 705-3605-630 R941		1
57	RCR07G473KS		2	RESISTOR,FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R943		1
58	RN55D2372F		2	RESISTOR,FIXED FILM, 23.7K, 1%, 1/8W (V81349) 705-1062-000 R989		1
59	DM5F401J050WV		2	CAPACITOR,FXD MICA DIEL, 400PF, 5%, 50V (V72136) 912-4141-520 C919 (SUPSD BY ITEM 59A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 11 59A	DM5FY401J0		2	CAPACITOR,FXD MICA DIEL, 400PF, 5%, 50V (V61306) 912-4141-520 C919 (SUPSDS ITEM 59)		1
60	RCR07G473KS		2	RESISTOR,FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R942		1
61	CK05BX104K		2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C918		1
R 62	CD4046BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U912		1
63	RN55E1152B		2	RESISTOR,FIXED FILM, 11.5K, 0.1%, 1/10W (V81349) 705-5975-590 R929		1
64	RN55E5361B		2	RESISTOR,FIXED FILM, 5.36K, 0.1%, 1/10W (V81349) 705-5974-940 R930		1
65	RN55E1622B		2	RESISTOR,FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R931		1
R 66	MC14070BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U913		1
67	M39003-01-2242		2	CAPACITOR,FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C920		1
68	RN55D1002F		2	RESISTOR,FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R944		1
69	M39003-01-2242		2	CAPACITOR,FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C934		1
70	RN55E5111B		2	RESISTOR,FIXED FILM, 5.11K, 0.1%, 1/10W (V81349) 705-5974-900 R920		1
71	RN55D2002F		2	RESISTOR,FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R917		1
72	CK05BX104K		2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C932		1
73	RCR07G104KS		2	RESISTOR,FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R980		1
74	RN55E2802B		2	RESISTOR,FIXED FILM, 28K, 0.1%, 1/10W (V81349) 705-5976-340 R918		1
R 75	1N4454		2	DIODE (V12969) 353-3644-010 CR918 (SUPSD BY ITEM 75A)		1
75A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR918 (SUPSDS ITEM 75)		1
76	RN55E1622B		2	RESISTOR,FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R919		1
R 77	1N4454		2	DIODE (V12969) 353-3644-010 CR919 (SUPSD BY ITEM 77A)		1
77A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR919 (SUPSDS ITEM 77)		1
78	CK05BX104K		2	CAPACITOR,FIXED CER DIEL, 100000PF,10%, 50VDC (V81349) 913-5019-320 C931		1
79	RCR07G824KS		2	RESISTOR,FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R990		1
80	RN55D8062F		2	RESISTOR,FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R910		1
81	372-2624-027		2	HOUSING,CONNECTOR ELEC		1
82	372-2252-020		2	CONTACT,ELECTRICAL (V57863)		36
83	M39003-01-2257		2	CAPACITOR,FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C930		1
84	M39003-01-2257		2	CAPACITOR,FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C929 SB 1 (SUPSD BY ITEM 84A)		1
84A	M39003-01-2289		2	CAPACITOR,FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C929 SB 1 (SUPSDS ITEM 84)		1
85	M39003-01-2257		2	CAPACITOR,FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C928 SB 1 (SUPSD BY ITEM 85A)		1

ROCKWELL COLLINS
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver, PART NO 622-3255

51RV-4/4()/5/5() VOR/ILS Navigation Receiver
ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO. 34-35-10-19

Insert facing page 352, 34-35-10

Subject: Update Parts List

Remove reference to items 173A and 173B from illustration.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 85A	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C928 SB 1 (SUPSDS ITEM 85)		1
86	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C927 SB 1 (SUPSD BY ITEM 86A)		1
86A	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C927 SB 1 (SUPSDS ITEM 86)		1
87	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C926		1
88	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U910 (SUPSD BY ITEM 88A)		1
88A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U910 (SUPSDS ITEM 88)		1
89	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C901		1
90	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C902		1
R 91	CD4046BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U907		1
R 92	3386P1-104		2	RESISTOR, VAR 100K, 10% (V80294) 382-0051-110 R909		1
93	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C907		1
94	RN55D3012F		2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R906		1
95	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R907 SB 8 (SUPSD BY ITEM 95A)		1
95A	RN55D6191F		2	RESISTOR, FIXED FILM, 6.19K, 1%, 1/8W (V81349) 705-1034-000 R907 SB 8 (SUPSDS ITEM 95)		1
96	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R908		1
97	698-3R10KF		2	RESISTOR NETWORK SIP, 10K, 1%, 0.7W (ESDS) (V73138) 350-4009-020 U911		1
98	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U908 (SUPSD BY ITEM 98A)		1
98A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U908 (SUPSDS ITEM 98)		1
99	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R916		1
100	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 R921		1
R 101	1N4454		2	DIODE (V12969) 353-3644-010 CR905 (SUPSD BY ITEM 101A)		1
101A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR905 (SUPSDS ITEM 101)		1
102	RN55D1071F		2	RESISTOR, FIXED FILM, 1.07K, 1%, 1/8W (V81349) 705-3605-020 R922		1
R 103	1N4454		2	DIODE (V12969) 353-3644-010 CR906 SB 8 (DELETED BY REVISION)		1
R 104	1N4454		2	DIODE (V12969) 353-3644-010 CR907 (SUPSD BY ITEM 104A)		1
104A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR907 (SUPSDS ITEM 104)		1
R 105	1N4454		2	DIODE (V12969) 353-3644-010 CR908 SB 8 (DELETED BY REVISION)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 106	RN55E4322B		2	RESISTOR, FIXED FILM, 43.2K, 0.1%, 1/10W (V81349) 705-5976-700 R923		1
107	RN55E1152B		2	RESISTOR, FIXED FILM, 11.5K, 0.1%, 1/10W (V81349) 705-5975-590 R925		1
108	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R924		1
109	RN55E3482B		2	RESISTOR, FIXED FILM, 34.8K, 0.1%, 1/10W (V81349) 705-5976-520 R926		1
110	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 R927		1
111	RN55E1692B		2	RESISTOR, FIXED FILM, 16.9K, 0.1%, 1/10W (V81349) 705-5975-910 R928		1
R 112	3386P1-503		2	RESISTOR, VAR 50K, 10% (V80294) 382-0051-100 R940		1
R 113	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J902		1
114	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U915 (SUPSD BY ITEM 114A)		1
114A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U915 (SUPSDS ITEM 114)		1
115	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U916 (SUPSD BY ITEM 115A)		1
115A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U916 (SUPSDS ITEM 115)		1
116	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R954		1
117	4020BDM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U920 (SUPSD BY ITEM 117A)		1
117A	CD4020BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U920 (SUPSDS ITEM 117)		1
118	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R953		1
R 119	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U923		1
120	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R955		1
121	LP88A1A105J		2	CAPACITOR, FIXED PLSTC DIE, 1UF, 5%, 50V (V56289) 933-1084-250 C925		1
122	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R956		1
123	RN55E1003B		2	RESISTOR, FIXED FILM, 100K, 0.1%, 1/10W (V81349) 705-5977-410 R985		1
124	RN55E6651B		2	RESISTOR, FIXED FILM, 6.65K, 0.1%, 1/10W (V81349) 705-5975-130 R984		1
125	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R987		1
126	RN55E1003B		2	RESISTOR, FIXED FILM, 100K, 0.1%, 1/10W (V81349) 705-5977-410 R983		1
127	RN55E6651B		2	RESISTOR, FIXED FILM, 6.65K, 0.1%, 1/10W (V81349) 705-5975-130 R982		1
R 128	3386P1-103		2	RESISTOR, VAR 10K, 10% (V80294) 382-0051-080 R952		1
129	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C933 (SUPSD BY ITEM 129A)		1
129A	CY30C105M		2	CAPACITOR, FXD CER DIE, 1UF, 20%, 50V (V16546) 913-3279-270 C933 (SUPSD BY ITEM 129B)		1
R 129B	913-3279-270		2	CAPACITOR, FXD CER DIE, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C933 (SUPSDS ITEMS 129 AND 129A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 130	RN55D2942F		2	RESISTOR, FIXED FILM, 29.4K, 1%, 1/8W (V81349) 705-3605-700 R958		1
131	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U922 (SUPSD BY ITEM 131A)		1
131A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U922 (SUPSDS ITEM 131)		1
132	LP88A1A105G		2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 2%, 50V (V56289) 933-0264-250 C924		1
133	698-3R100KD		2	RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U921		1
134	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U919 (SUPSD BY ITEM 134A)		1
134A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U919 (SUPSDS ITEM 134)		1
R 135	RN55D1000F		2	RESISTOR, FIXED FILM, 100 OHMS, 1%, 1/8W (V81349) 705-0948-000 R962		1
136	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R961		1
R 137	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R951 (SUPSD BY ITEM 137A)		1
R 137A	64P502		2	RESISTOR, VAR, NWW, 5K, 10%, 1/2W (V02111) 382-0052-090 R951 (SUPSD BY ITEM 137B)		1
R 137B	64P102		2	RESISTOR, VAR, NWW, 1K, 10%, 1/2W (V02111) 382-0052-070 R951 SB 8 (SUPSDS ITEMS 137 AND 137A)		1
R 138	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C923		1
139	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U918 (SUPSD BY ITEM 139A)		1
139A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U918 (SUPSDS ITEM 139)		1
140	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R963		1
R 141	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R950		1
142	RN55D2152F		2	RESISTOR, FIXED FILM, 21.5K, 1%, 1/8W (V81349) 705-1060-000 R964		1
R 143	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U917		1
144	RN55D3481F		2	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 R949		1
145	RN55D2001F		2	RESISTOR, FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R948 (SUPSD BY ITEM 145A)		1
145A	RN55D3921F		2	RESISTOR, FIXED FILM, 3.92K, 1%, 1/8W (V81349) 705-3605-280 R948 SB 8 (SUPSD BY ITEM 145B)		1
145B	RN55D7501F		2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R948 SB 8 (SUPSDS ITEMS 145 AND 145A)		1
146	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R947		1
147	RN55D8662F		2	RESISTOR, FIXED FILM, 86.6K, 1%, 1/8W (V81349) 705-1089-000 R967		1
R 148	1N4454		2	DIODE (V12969) 353-3644-010 CR915 (SUPSD BY ITEM 148A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	11 148A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR915 (SUPSDS ITEM 148)		1
R	149	1N4454	2	DIODE (V12969) 353-3644-010 CR916 (SUPSD BY ITEM 149A)		1
	149A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR916 (SUPSDS ITEM 149)		1
	150	M39003-01-2268	2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C921		1
	151	RN55D4752F	2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R945		1
	152	RN55D4752F	2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R946		1
	153	RN55D4991F	2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R968		1
	154	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R969		1
	155	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R970		1
	156	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R965		1
	157	RN55D5492F	2	RESISTOR, FIXED FILM, 54.9K, 1%, 1/8W (V81349) 705-3605-830 R966		1
	158	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 R914 (SUPSD BY ITEM 158A)		1
R	158A	SG3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 R914 (SUPSDS ITEM 158)		1
	159	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R971		1
	160	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R972		1
	161	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R973		1
	162	RN55D6812F	2	RESISTOR, FIXED FILM, 68.1K, 1%, 1/8W (V81349) 705-1084-000 R960		1
	163	M39003-01-2305	2	CAPACITOR, FIXED ELCTLT, 6.8UF, 20%, 35V (V81349) 184-9086-650 C922		1
	164	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R974		1
	165	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R957		1
	166	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R975		1
	167	RN55D8061F	2	RESISTOR, FIXED FILM, 8.06K, 1%, 1/8W (V81349) 705-3605-430 R976		1
	168	RN55D1302F	2	RESISTOR, FIXED FILM, 13K, 1%, 1/8W (V81349) 705-3605-530 R977		1
	169	RN55D6651F	2	RESISTOR, FIXED FILM, 6.65K, 1%, 1/8W (V81349) 705-3605-390 R978		1
	170	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R979		1
	171	RN55D1782F	2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R959		1
	172	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R988		1
	173	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R986		1
	174	435668-5	2	SWITCH, DUAL PKG (V00779) 266-0243-220 (SUPSD BY ITEM 174A)		1
R	174A	4-435668-3	2	SWITCH, DUAL PKG (V00779) 266-0243-220 (SUPSDS ITEM 174)		1
R	175	1N4454	2	DIODE (V12969) 353-3644-010 CR917 (SUPSD BY ITEM 175A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

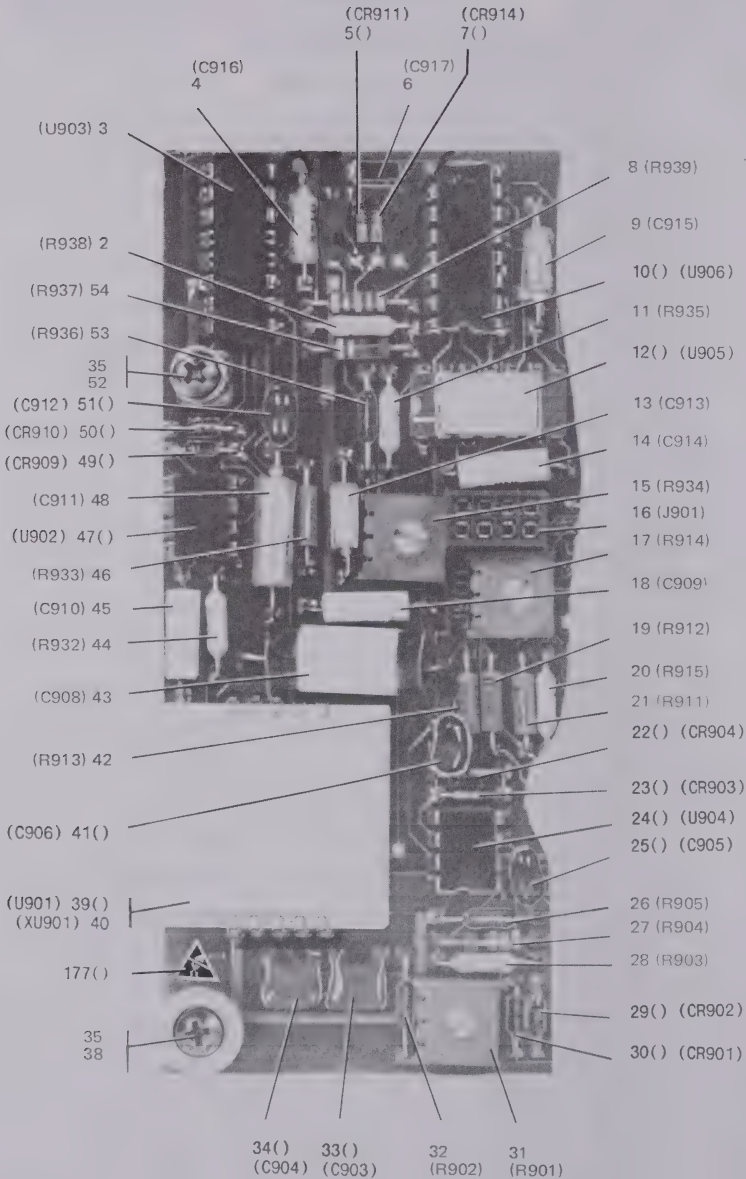
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11 175A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR917 (SUPSDS ITEM 175)		1
176	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R981		1
-177	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 179	220-0076-010		2	SOCKET, LEAD (V22526) XU901 XU907 XU912 EFF REV U TO SB 18		3
R 181	435238-3		2	SWITCH, DIP (V00779) 266-0243-490		1

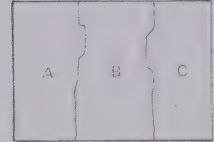
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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL



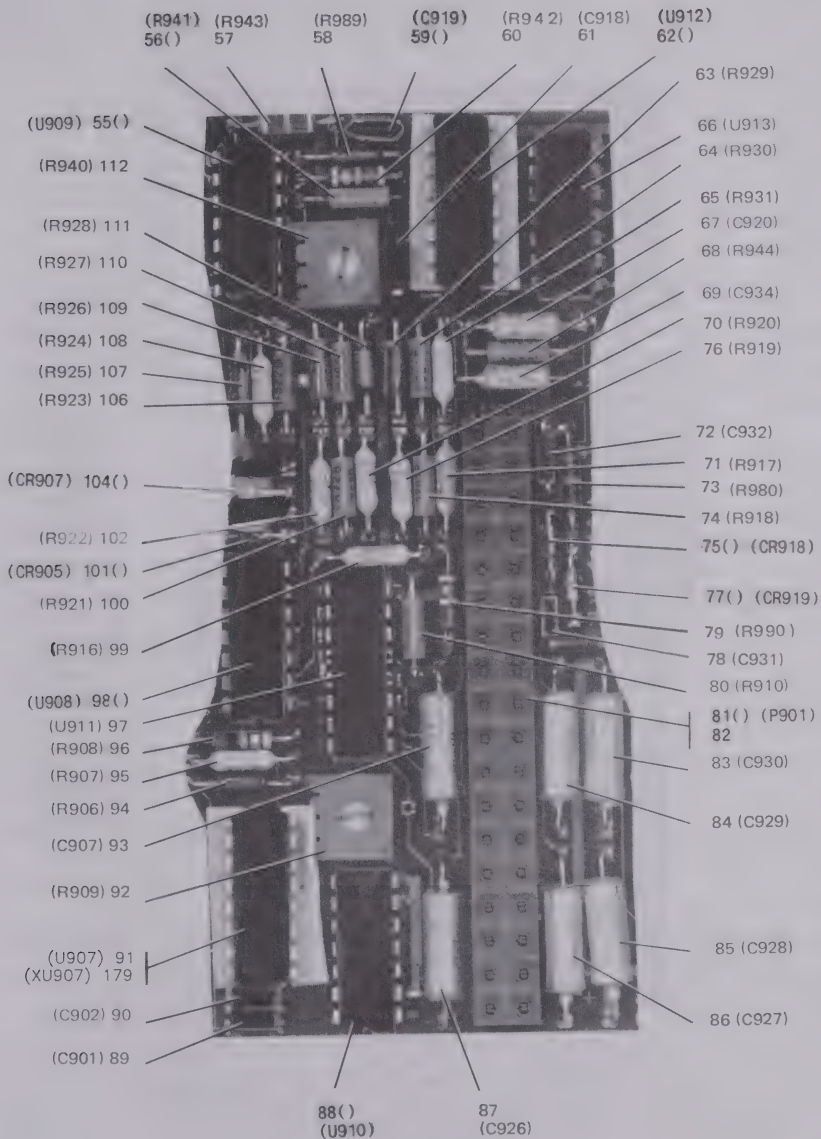
DETAIL A

TP6-8250-037

Expanded VOR Monitor Circuit Card Assembly A9
 Figure 11A (Sheet 1 of 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



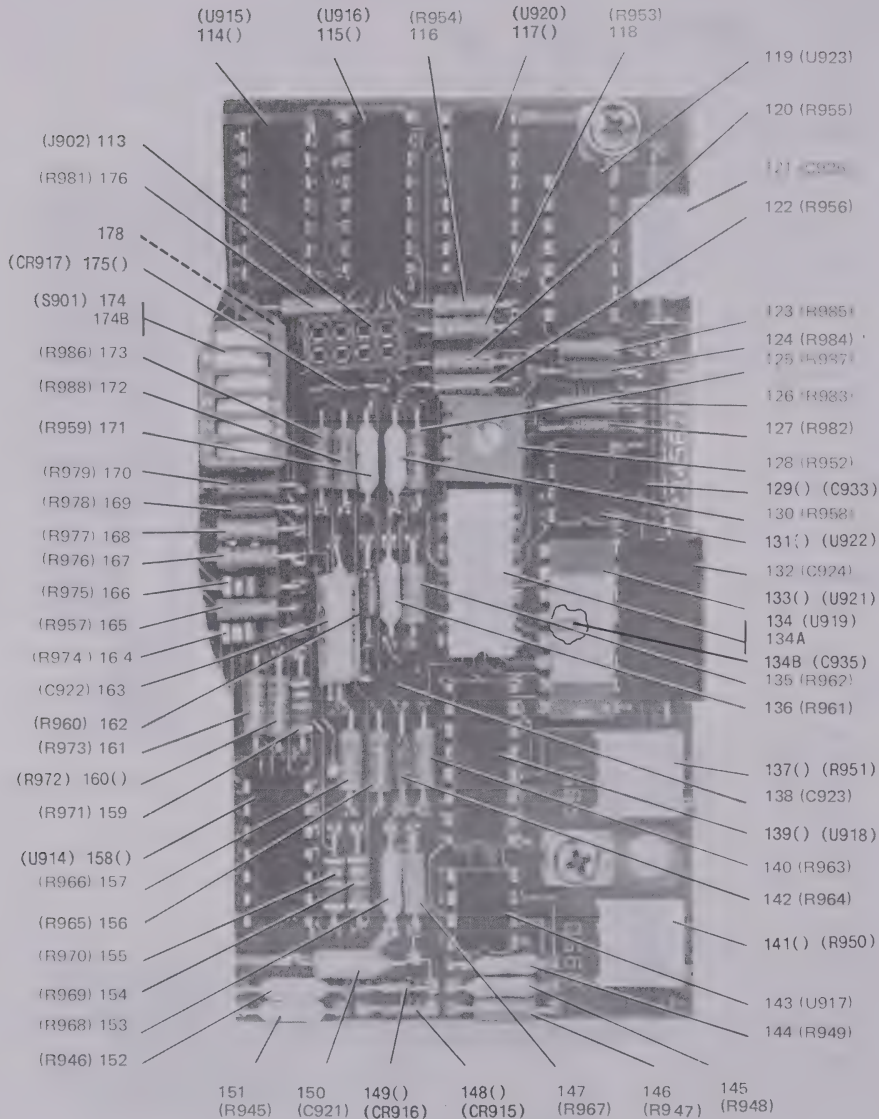
DETAIL B

TP6-8250-037

Expanded VOR Monitor Circuit Card Assembly A9
 Figure 11A (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



DETAIL C

TP6-8250-037

Expanded VOR Monitor Circuit Card Assembly A9
Figure 11A (Sheet 3)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11A-1A	601-4209-003		1	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 1-14A AND 14D FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V,X	RF
R -1B	601-4209-004		1	CIRCUIT CARD ASSY, EXPANDED VOR MONITOR A9 (SEE FIG 1-14B/14E/14F FOR NHA)	F,G,H,J K,L,M,N P,Q,R,T U,V,X,Y Z,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AT,AU,AV AX,AY,AZ	RF
2	RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R938		1
3	698-3R10KF		2	RESISTOR NETWORK SIP, 10K, 1%, 0.7W (ESDS) (V73138) 350-4009-020 U903		1
4	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C916		1
R 5	1N4454		2	DIODE (V12969) 353-3644-010 CR911 (SUPSD BY ITEM 5A)		1
5A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR911 (SUPSDS ITEM 5)		1
6	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C917		1
R 7	1N4454		2	DIODE (V12969) 353-3644-010 CR914 (SUPSD BY ITEM 7A)		1
7A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR914 (SUPSDS ITEM 7)		1
8	RCR07G334KS		2	RESISTOR, FIXED CMPSN, 0.33MEGO, 10%, 1/4W (V81349) 745-0839-000 R939		1
9	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C915		1
10	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U906 (SUPSD BY ITEM 10A)		1
10A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U906 (SUPSDS ITEM 10)		1
11	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R935		1
12	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U905 (SUPSD BY ITEM 12A)		1
12A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U905 (SUPSDS ITEM 12)		1
13	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C913		1
R 14	CRC1-370		2	CAPACITOR, FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 C914 (SUPSD BY 14A)		1
R -14A	CFR05ARC103KM		2	CAPACITOR, FIXED CER DIEL, 0.02MF, 10%, 200V (V50558) 933-1412-470 (SUPSDS 14)		1
R 15	3386P1-103		2	RESISTOR, VAR 10K, 10% (V80294) 382-0051-080 R934		1
R 16	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J901		1
R 17	3386P1-503		2	RESISTOR, VAR 50K, 10% (V80294) 382-0051-100 R914		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 11A 18	CRC1-370		2	CAPACITOR, FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 C909 (SUPSD BY 18A)		1
R -18A	CFR05ARC103KM		2	CAPACITOR, FIXED CER DIEL, 0.02MF, 10%, 200V (V50558) 933-1412-470 (SUPSDS 18)		1
19	RN55D3162F		2	RESISTOR, FIXED FILM, 31.6K, 1%, 1/8W (V81349) 705-1068-000 R912		1
20	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 R915		1
21	RN55D2052F		2	RESISTOR, FIXED FILM, 20.5K, 1%, 1/8W (V81349) 705-1059-000 R911		1
R 22	1N4454		2	DIODE (V12969) 353-3644-010 CR904 (SUPSD BY ITEM 22A)		1
22A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR904 (SUPSDS ITEM 22)		1
R 23	1N4454		2	DIODE (V12969) 353-3644-010 CR903 (SUPSD BY ITEM 23A)		1
23A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR903 (SUPSDS ITEM 23)		1
24	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U904 (SUPSD BY ITEM 24A)		1
R 24A	RM4558DE		2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U904 (SUPSDS ITEM 24)		1
25	DM5F401J050WV		2	CAPACITOR, FXD MICA DIEL, 400PF, 5%, 50V (V72136) 912-4141-520 C905 (SUPSD BY ITEM 25A)		1
R 25A	200-100NP0-391K		2	CAPACITOR, FIXED CER DIEL, 390PF, 10%, 100VDC (V51642) 913-3281-060 C905 (SUPSDS ITEM 25)		1
26	RN55D6812F		2	RESISTOR, FIXED FILM, 68.1K, 1%, 1/8W (V81349) 705-1084-000 R905		1
27	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R904		1
28	RN55D7322F		2	RESISTOR, FIXED FILM, 73.2K, 1%, 1/8W (V81349) 705-3605-890 R903		1
R 29	1N4454		2	DIODE (V12969) 353-3644-010 CR902 (SUPSD BY ITEM 29A)		1
29A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR902 (SUPSDS ITEM 29)		1
R 30	1N4454		2	DIODE (V12969) 353-3644-010 CR901 (SUPSD BY ITEM 30A)		1
30A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR901 (SUPSDS ITEM 30)		1
R 31	3386P1-202		2	RESISTOR, VAR 2000 OHMS, 10% (V80294) 382-0051-060 R901		1
32	RN55D3651F		2	RESISTOR, FIXED FILM, 3.65K, 1%, 1/8W (V81349) 705-1023-000 R902		1
33	8131-100C0G222J		2	CAPACITOR, FIXED CER DIEL, 2200PF, 5%, 100V (V18796) 913-3281-300 C903 (SUPSD BY ITEM 33A)		1
R 33A	300-100NP0-222J		2	CAPACITOR, FIXED CER DIEL, 2200PF, 5%, 100V (V51642) 913-3281-300 C903 (SUPSDS ITEM 33)		1
34	8131-100C0G222J		2	CAPACITOR, FIXED CER DIEL, 2200PF, 5%, 100V (V18796) 913-3281-300 C904 (SUPSD BY ITEM 34A)		1
R 34A	300-100NP0-222J		2	CAPACITOR, FIXED CER DIEL, 2200PF, 5%, 100V (V51642) 913-3281-300 C904 (SUPSDS ITEM 34)		1
35	629-6561-013		2	SCREW		4

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11A-36	310-0278-000		2	WASHER, LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		4
R -37	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 37A)		4
R -37A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 37)		4
38	635-5715-001		2	POST		1
39	V0R5555		2	MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U901 (SUPSD BY ITEM 39A)		1
R 39A	V0R55-55		2	MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U901 (SUPSD BY 39C)		1
				OR		
R 39B	ATF350		2	MICROCIRCUIT (ESDS) (V25403) 351-2423-020 U901 (ADDED) (SUPSD BY 39C)		1
R -39C	676-7466-001		2	FILTER ASSEMBLY, VOR A27 (SEE FIG 29) (SUPSDS 39A/39B)		1
R 40	220-0076-010		2	SOCKET, LEAD (V22526) XU901 EFF TO SB 18		1
-41	CD5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V93790) 912-4141-380 C906 (SUPSD BY ITEM 41A)		1
R 41A	913-1098-500		2	CAPACITOR, FIXED CER DIEL, 120PF, 5%, 100VDC 913-1098-500 is REF No. for V72982 RPE111C0G121J100V C906 (SUPSDS ITEM 41)		1
42	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R913		1
43	LP88A1A105J		2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C908		1
44	RN55D5622F		2	RESISTOR, FIXED FILM, 56.2K, 1%, 1/8W (V81349) 705-1080-000 R932		1
R 45	CRC1-370		2	CAPACITOR, FIXED PLSTC DIEL, 0.01UF, 10%, 200V (V04099) 933-1081-370 C910 (SUPSD BY 45A)		1
R -45A	CFR05ARC103KM		2	CAPACITOR, FIXED CER DIEL, 0.02MF, 10%, 200V (V05558) 933-1412-470 (SUPSDS 45)		1
46	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R933		1
R 47	UA1558RM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8186-010 U902 (SUPSD BY ITEM 47A)		1
R 47A	RM4558DE		2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U902 (SUPSDS ITEM 47)		1
48	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C911		1
R 49	1N4454		2	DIODE (V12969) 353-3644-010 CR909 (SUPSD BY ITEM 49A)		1
49A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR909 (SUPSDS ITEM 49)		1
R 50	1N4454		2	DIODE (V12969) 353-3644-010 CR910 (SUPSD BY ITEM 50A)		1
50A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR910 (SUPSDS ITEM 50)		1
51	CD5FY121J0		2	CAPACITOR, FXD MICA DIEL, 120PF, 5%, 50V CAPACITOR, FIXED (V93790) 912-4141-380 C912 (SUPSD BY ITEM 51A)		1
R 51A	913-1098-500		2	CAPACITOR, FIXED CER DIEL, 120PF, 5%, 100VDC 913-1098-500 is REF No. for V72982 RPE111C0G121J100V C912 (SUPSDS ITEM 51)		1
52	608-6430-003		2	POST		3
53	RN55D2372F		2	RESISTOR, FIXED FILM, 23.7K, 1%, 1/8W (V81349) 705-1062-000 R936		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11A 54	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R937		1
55	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U909 (SUPSD BY ITEM 55A)		1
55A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U909 (SUPSDS ITEM 55)		1
56	RN55D2102F		2	RESISTOR, FIXED FILM, 21K, 1%, 1/8W (V81349) 705-3605-630 R941 (SUPSD BY ITEM 56A)		1
56A	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R941 (SUPSDS ITEM 56)		1
57	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R943		1
58	RN55D2372F		2	RESISTOR, FIXED FILM, 23.7K, 1%, 1/8W (V81349) 705-1062-000 R989		1
59	DM401J050WV		2	CAPACITOR, FXD MICA DIEL, 400PF, 5%, 50V (V72136) 912-4141-520 C919 (SUPSD BY ITEM 59A)		1
59A	200-100NP0-391K		2	CAPACITOR, FIXED CER DIEL, 390PF, 10%, 100VDC (V51642) 913-3281-060 C919 (SUPSDS ITEM 59)		1
60	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R942		1
61	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C918		1
62	CD4046BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U912 (SUPSD BY ITEM 62A)		1
62A	351-8259-030		2	MICROCIRCUIT (ESDS) U912 (SUPSD BY ITEM 62B)		1
62B	CD4046BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8259-030 U912 (SUPSDS ITEMS 62 AND 62A)		1
63	RN55E1152B		2	RESISTOR, FIXED FILM, 11.5K, 0.1%, 1/10W (V81349) 705-5975-590 R929		1
64	RN55E5361B		2	RESISTOR, FIXED FILM, 5.36K, 0.1%, 1/10W (V81349) 705-5974-940 R930		1
65	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R931		1
66	MC14070BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U913		1
67	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C920		1
68	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R944		1
69	M39003-01-2242		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 6V (V81349) 184-9086-020 C934		1
70	RN55E5111B		2	RESISTOR, FIXED FILM, 5.11K, 0.1%, 1/10W (V81349) 705-5974-900 R920		1
71	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R917		1
72	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C932		1
73	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R980		1
74	RN55E2802B		2	RESISTOR, FIXED FILM, 28K, 0.1%, 1/10W (V81349) 705-5976-340 R918		1
75	1N4454		2	DIODE (V12969) 353-3644-010 CR918 (SUPSD BY ITEM 75A)		1
75A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR918 (SUPSDS ITEM 75)		1
76	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R919		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 11A 77	1N4454		2	DIODE (V12969) 353-3644-010 CR919 (SUPSD BY ITEM 77A)		1
77A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR919 (SUPSDS ITEM 77)		1
78	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C931		1
79	RCR07G824KS		2	RESISTOR, FIXED CMPSN, 0.82MEGO, 10%, 1/4W (V81349) 745-0854-000 R990		1
80	RN55D8062F		2	RESISTOR, FIXED FILM, 80.6K, 1%, 1/8W (V81349) 705-3605-910 R910		1
81	372-2624-027		2	HOUSING, CONNECTOR ELEC P901 (SUPSD BY ITEM 81A)		1
R 81A	102645-4		2	CONNECTOR, ELEC (V00779) 372-2334-190 P901 (SUPSDS ITEM 81)		1
R 82	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (DELETED BY REVISION)		36
83	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C930		1
84	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C929		1
85	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C928		1
86	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C927		1
87	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C926		1
88	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U910 (SUPSD BY ITEM 88A)		1
88A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U910 (SUPSDS ITEM 88)		1
89	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C901		1
90	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C902		1
R 91	CD4046BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8259-010 U907		1
R 92	3386P1-104		2	RESISTOR, VAR 100K, 10% (V80294) 382-0051-110 R909		1
93	M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C907		1
94	RN55D3012F		2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R906		1
95	RN55D6191F		2	RESISTOR, FIXED FILM, 6.19K, 1%, 1/8W (V81349) 705-1034-000 R907		1
96	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R908		1
97	698-3R10KF		2	RESISTOR NETWORK SIP, 10K, 1%, 0.7W (ESDS) (V73138) 350-4009-020 U911		1
98	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-010 U908 (SUPSD BY ITEM 98A)		1
98A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U908 (SUPSDS ITEM 98)		1
99	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R916		1
100	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 R921		1
R 101	1N4454		2	DIODE (V12969) 353-3644-010 CR905 (SUPSD BY ITEM 101A)		1
101A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR905 (SUPSDS ITEM 101)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11A 102	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R922		1
104	1N4454		2	DIODE (V12969) 353-3644-010 CR907 (SUPSD BY ITEM 104A)		1
104A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR907 (SUPSDS ITEM 104)		1
106	RN55E4322B		2	RESISTOR, FIXED FILM, 43.2K, 0.1%, 1/10W (V81349) 705-5976-700 R923		1
107	RN55E1152B		2	RESISTOR, FIXED FILM, 11.5K, 0.1%, 1/10W (V81349) 705-5975-590 R925		1
108	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R924		1
109	RN55E3482B		2	RESISTOR, FIXED FILM, 34.8K, 0.1%, 1/10W (V81349) 705-5976-520 R926		1
110	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 R927		1
111	RN55E1692B		2	RESISTOR, FIXED FILM, 16.9K, 0.1%, 1/10W (V81349) 705-5975-910 R928		1
112	3386P1-503		2	RESISTOR, VAR 50K, 10% (V80294) 382-0051-100 R940		1
113	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J902		1
114	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U915 (SUPSD BY ITEM 114A)		1
114A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U915 (SUPSDS ITEM 114)		1
115	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U916 (SUPSD BY ITEM 115A)		1
115A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U916 (SUPSDS ITEM 115)		1
116	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R954		1
117	4020BDM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U920 (SUPSD BY ITEM 117A)		1
117A	CD4020BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U920 (SUPSDS ITEM 117)		1
118	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R953		1
119	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U923		1
120	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R955		1
121	LP88A1A105J		2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 5%, 50V (V56289) 933-1084-250 C925		1
122	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R956		1
123	RN55E1003B		2	RESISTOR, FIXED FILM, 100K, 0.1%, 1/10W (V81349) 705-5977-410 R985		1
124	RN55E6651B		2	RESISTOR, FIXED FILM, 6.65K, 0.1%, 1/10W (V81349) 705-5975-130 R984		1
125	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R987		1
126	RN55E1003B		2	RESISTOR, FIXED FILM, 100K, 0.1%, 1/10W (V81349) 705-5977-410 R983		1
127	RN55E6651B		2	RESISTOR, FIXED FILM, 6.65K, 0.1%, 1/10W (V81349) 705-5975-130 R982		1
128	3386P1-103		2	RESISTOR, VAR 10K, 10% (V80294) 382-0051-080 R952		1
129	CY30C105M		2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V (V16546) 913-3279-270 C933 (SUPSD BY ITEM 129A)		1

ROCKWELL COLLINS
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver, PART NO 622-3255

51RV-4/4()/5/5() VOR/ILS Navigation Receiver
ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO. 34-35-10-19

Insert facing page 367, 34-35-10

Subject: Update Parts List

Change item 173 to read as follows:

173	VOR5555	2	MICROCIRCUIT (ESDS) (V12050) 351-2423-010 U431	AB	1
-173B	ATF350	2	MICROCIRCUIT (ESDS) (V25403) 351-2423-020	C	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 11A 129A	913-3279-270		2	CAPACITOR,FXD CER DIEL, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C933 (SUPSDS ITEM 129)		1
	130	RN55D2942F	2	RESISTOR, FIXED FILM, 29.4K, 1%, 1/8W (V81349) 705-3605-700 R958		1
R	131	UA1558RM	2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U922 (SUPSD BY ITEM 131A)		1
R	131A	RM4558DE	2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U922 (SUPSDS ITEM 131)		1
	132	LP88A1A105G	2	CAPACITOR, FIXED PLSTC DIEL, 1UF, 2%, 50V (V56289) 933-0264-250 C924		1
	133	698-3R100KD	2	RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U921		1
	133A	10167-100K	2	RESISTOR NETWORK CER, DUAL-IN-LINE, 100K (ESDS) (V33256) 350-4008-010 U921		1
	134	UA148DM	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U919 (SUPSD BY ITEM 134A)		1
	134A	LM148J	2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U919 (SUPSDS ITEM 134)		1
	134B	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C935		1
R	135	RN55D1000F	2	RESISTOR, FIXED FILM, 100 OHMS, 1%, 1/8W (V81349) 705-0948-000 R962		1
	136	RN55D4992F	2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R961		1
R	137	64P102	2	RESISTOR, VAR, NWW, 1K, 10%, 1/2W (V02111) 382-0052-070 R951 (SUPSD BY ITEM 137A)		1
R	137A	RJ24CP102	2	RESISTOR, VARIABLE NONWIRE-WOUND, 1K, 10%, 1/2W (V32997) 380-1080-070 R951 (SUPSDS ITEM 137)		1
R	138	CK05BX102K	2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C923		1
	139	CD4053BF	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U918 (SUPSD BY ITEM 139A)		1
	139A	MC14053BAL	2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U918 (SUPSDS ITEM 139)		1
	140	RN55D1003F	2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R963		1
R	141	64P103	2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R950 (SUPSD BY ITEM 141A)		1
R	141A	RJ24CP103	2	RESISTOR, VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R950 (SUPSDS ITEM 141)		1
	142	RN55D2152F	2	RESISTOR, FIXED FILM, 21.5K, 1%, 1/8W (V81349) 705-1060-000 R964		1
R	143	UA741ARM	2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U917		1
	144	RN55D3481F	2	RESISTOR, FIXED FILM, 3.48K, 1%, 1/8W (V81349) 705-1022-000 R949		1
	145	RN55D7501F	2	RESISTOR, FIXED FILM, 7.5K, 1%, 1/8W (V81349) 705-1038-000 R948		1
	146	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R947		1
	147	RN55D8662F	2	RESISTOR, FIXED FILM, 86.6K, 1%, 1/8W (V81349) 705-1089-000 R967		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 11A 148	1N4454		2	DIODE (V12969) 353-3644-010 CR915 (SUPSD BY ITEM 148A)		1
	148A 1N4454-1		2	DIODE (V12969) 353-3644-010 CR915 (SUPSDS ITEM 148)		1
R 149	1N4454		2	DIODE (V12969) 353-3644-010 CR916 (SUPSD BY ITEM 149A)		1
	149A 1N4454-1		2	DIODE (V12969) 353-3644-010 CR916 (SUPSDS ITEM 149)		1
	150 M39003-01-2268		2	CAPACITOR, FIXED ELCTLT, 3.3UF, 10%, 15V (V81349) 184-9086-280 C921		1
	151 RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R945		1
	152 RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R946		1
	153 RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R968		1
	154 RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R969		1
	155 RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R970		1
	156 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R965		1
	157 RN55D5492F		2	RESISTOR, FIXED FILM, 54.9K, 1%, 1/8W (V81349) 705-3605-830 R966		1
	158 LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U914 (SUPSD BY ITEM 158A)		1
R 158A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U914 (SUPSDS ITEM 158)		1
	159 RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R971		1
	160 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R972 (USED ON ITEM 1A)		1
	160A RN55D3013F		2	RESISTOR, FIXED FILM, 301K, 1%, 1/8W (V81349) 705-1115-000 R972 (USED ON ITEM 1B)		1
	161 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R973		1
	162 RN55D6812F		2	RESISTOR, FIXED FILM, 68.1K, 1%, 1/8W (V81349) 705-1084-000 R960		1
	163 M39003-01-2305		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 20%, 35V (V81349) 184-9086-650 C922		1
	164 RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R974		1
	165 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R957		1
R 166	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R975		1
	167 RN55D8061F		2	RESISTOR, FIXED FILM, 8.06K, 1%, 1/8W (V81349) 705-3605-430 R976		1
	168 RN55D1302F		2	RESISTOR, FIXED FILM, 13K, 1%, 1/8W (V81349) 705-3605-530 R977		1
	169 RN55D6651F		2	RESISTOR, FIXED FILM, 6.65K, 1%, 1/8W (V81349) 705-3605-390 R978		1
	170 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R979		1
	171 RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R959		1
	172 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R988		1
	173 RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R986		1

51RV-4/4()/5/5() VOR/ILS Navigation Receiver
ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO. 34-35-10-19

Insert facing page 368, 34-35-10

Subject: Update Parts List

Change item 185 to read as follows:

185	676-7466-001	2	CIRCUIT CARD, VOR FILTER A27 (SEE FIG 29) (SUPSD BY 185A)	C	1
-185A	828-0868-002	2	CIRCUIT CARD, 30HZ VOR FILTER A27 (SEE FIG 38 FOR DET BKDN) (SUPSDS 185)	C	1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

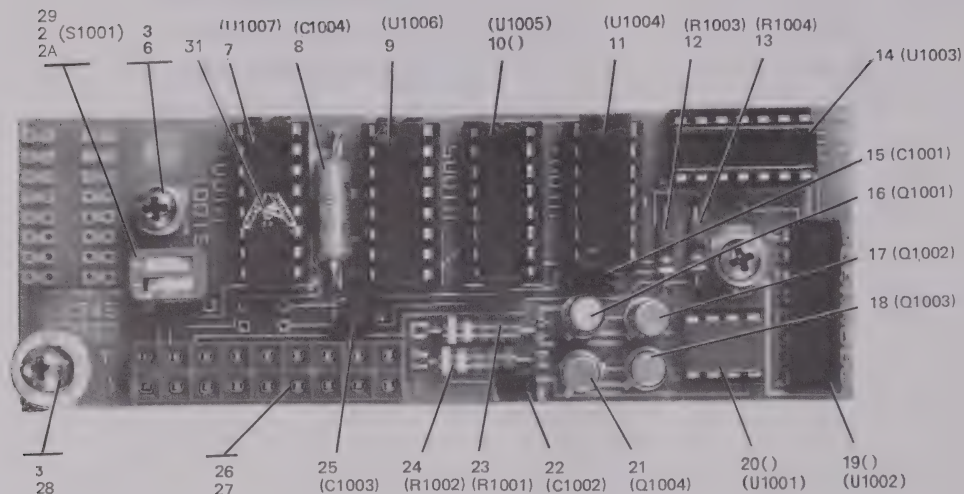
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
11A 174	435668-5		2	SWITCH,DUAL PKG (V00779) 266-0243-220 S901 (EFF TO SB 19)		1
R 174B	435238-3		2	SWITCH, DIP (V00779) 266-0243-490 (DELETED BY REVISION)		1
R 175	1N4454		2	DIODE (V12969) 353-3644-010 CR917 (SUPSD BY ITEM 175A)		1
175A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR917 (SUPSDS ITEM 175)		1
176	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R981		1
177	280-2745-010		2	LABEL, ESDS WARNING (V12998) (SUPSD BY ITEM 177A)		1
177A	280-2745-040		2	LABEL, ESDS WARNING (V12998) (SUPSDS ITEM 177)		1
178	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (ADDED BY REVISION)		4
R -179	2-641262-1		2	SOCKET, IC (V00779) 220-0075-030 XU907 EFF TO SB 18		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-4948-017

Digital Bearing Output Circuit Card Assembly A10
Figure 12

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 12-1A	601-4210-001		1	CIRCUIT CARD ASSY, DIGITAL BEARING OUTPUT A10 (SEE FIG 1-15 FOR NHA)	K,Q,S,U AK,AQ,AS AU	RF
R -1B	601-4210-003		1	CIRCUIT CARD, DIGITAL BEARING OUTPUT A10 (SEE FIG 1-15A FOR NHA)	Z,AZ	RF
	2 435668-1		2	SWITCH, DIP (V27264) 266-0243-270 S1001 (EFF TO SB 19)		1
R 2A	435238-8		2	SWITCH, DIP (V00779) 266-0243-450 (DELETED BY REVISION)		1
	3 629-6561-013		2	SCREW		3
-4	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		3
R -5	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		3
R -5A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 5)		3
	6 608-6430-003		2	POST		2
R 7	4021BDM		2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U1007		1
	8 M39003-01-2257		2	CAPACITOR, FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C1004		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

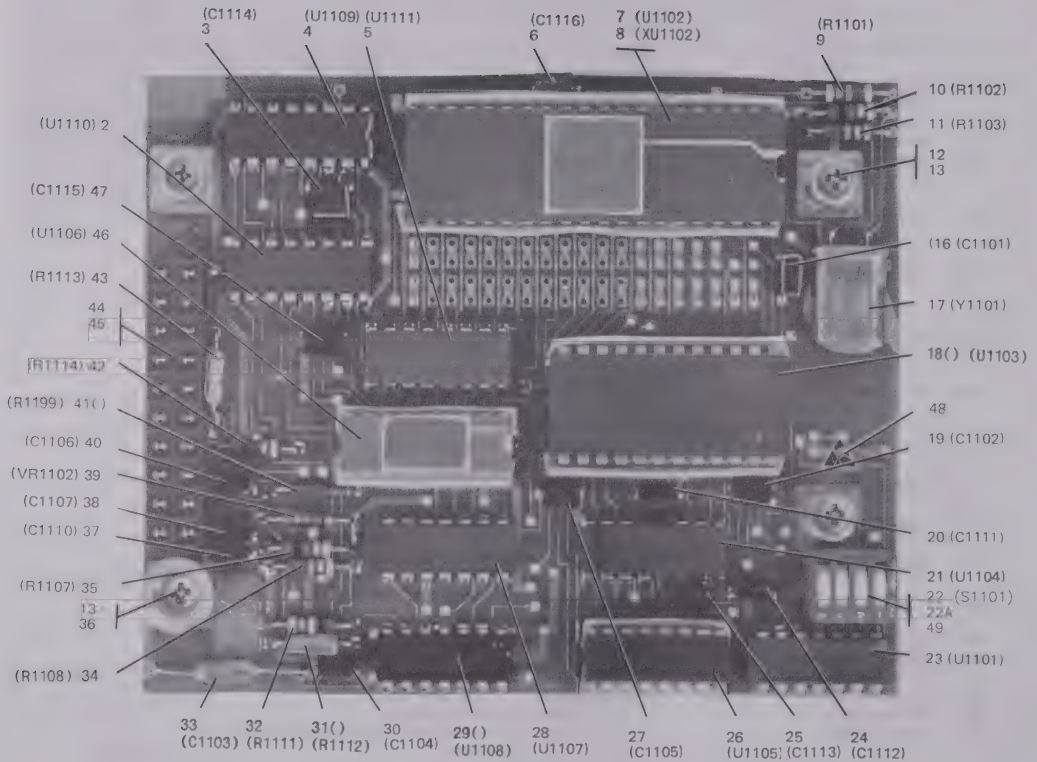
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	12 9	4021BDM	2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U1006		1
R	10	CD4027BMJ	2	INTEGRATED CIRCUIT (ESDS) (V27014) 351-8258-010 U1005 (SUPSD BY ITEM 10A)	K,Q,S,U AK,AQ,AS AU	1
R	10A	MC14027BAL	2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8258-010 U1005 (SUPSDS ITEM 10)	K,Q,S,U AK,AQ,AS AU	1
	11	CD4085BF	2	INTEGRATED CIRCUIT LOGIC GATE (ESDS) (V02735) 351-8289-010 U1004		1
	12	RCR07G270JS	2	RESISTOR, FIXED CMPSN, 27 OHMS, 5%, 1/4W (V81349) 745-0691-000 R1003		1
	13	RCR07G270JS	2	RESISTOR, FIXED CMPSN, 27 OHMS, 5%, 1/4W (V81349) 745-0691-000 R1004		1
R	14	SCL4001UBC	2	MICROCIRCUIT (ESDS) (V31039) 351-8160-010 U1003		1
	15	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1001		1
	16	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q1001		1
	17	2N2222A	2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q1002		1
	18	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q1003		1
	19	316A104	2	RESISTOR, NETWORK DIP, 100K, 5%, 1.25W PKG (ESDS) (V01121) 350-4030-130 U1002 (SUPSD BY ITEM 19A)		1
	19A	698-3R10KF	2	RESISTOR NETWORK SIP, 10K, 1%, 0.7W (ESDS) (V73138) 350-4009-020 U1002 (SUPSD BY ITEM 19B)		1
	19B	698-3R100KF	2	RESISTOR NETWORK SIP, 100K, 1%, 0.7W (ESDS) (V73138) 350-4009-010 U1002 (SUPSDS ITEMS 19 AND 19A)		1
	20	UA1558RM	2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U1001 (SUPSD BY ITEM 20A)		1
	20A	MC1558U	2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U1001 (SUPSDS ITEM 20)		1
	21	2N2222A	2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q1004		1
	22	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1002		1
	23	RCR20G221KS	2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/2W (V81349) 745-1324-000 R1001		1
	24	RCR20G681KS	2	RESISTOR, FIXED CMPSN, 680 OHMS, 10%, 1/2W (V81349) 745-1345-000 R1002		1
	25	CK05BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1003		1
R	26	372-2624-018	2	HOUSING, CONNECTOR ELEC P10 (SUPSD BY 26A)		1
R	-26A	372-2334-100	2	CONNECTOR, ELEC (V00779) (SUPSDS 26)		1
R	27	372-2252-020	2	CONTACT, ELECTRICAL (V57863) (USED WITH 26)		18
	28	635-5715-001	2	POST		1
R	29	647-6472-001	2	TERMINAL E1 E2 (ADDED)		2
R	31	280-2745-040	2	LABEL, ESDS WARNING (V12998) (ADDED)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP6-5245-017

Programmable Bearing Filter Circuit Card Assembly A11
Figure 13

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	13-1A	601-4211-001	1	CIRCUIT CARD ASSY, PROGRAMMABLE BEARING FILTER A11 (SEE FIG 1-16 FOR NHA)	D,K,Q,S U,AD,AK AQ,AS,AU	RF
R	-1B	601-4211-003	1	CIRCUIT CARD, PROGRAMMABLE BEARING FILTER A11 (SEE FIG 1-16A FOR NHA)	Z,AZ	RF
R	2	4021BDM	2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U1110		1
R	3	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1114		1
R	4	4021BDM	2	MICROCIRCUIT (ESDS) (V07263) 351-8175-010 U1109		1
	5	CD4040BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U1111		1
R	6	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1116		1
	7	CDP1802AD	2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U1102		1
	8	TSW3800-40BW	2	SOCKET, IC (V23880) 220-0075-070 XU1102 (EFF TO SB 18)		1
	9	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R1101		1
	10	RCR07G106KS	2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R1102		1
	11	RCR07G273KS	2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R1103		1
	12	608-6430-003	2	POST		3
	13	629-6561-013	2	SCREW		4
	-14	310-0278-000	2	WASHER, LOCK SST, 0.115 ID X 0.202 OD (V70318) (AP)		4
R	-15	340-0694-000	2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 15A)		4
R	-15A	340-0644-000	2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 15)		4
R	16	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1101		1
	17	290-9606-000M21	2	CRYSTAL UNIT, QTZ 3.200000MHZ (V00136) 290-9606-000 Y1101		1
	18	HM1-7641-2	2	INTEGRATED CIRCUIT PROM (V34371) 351-8436-030 U1103 (SUPSD BY ITEM 18A)	D,K,Q,S,U	1
	18A	641-0279-001	2	INTEGRATED CKT U1103 (SUPSD BY ITEM 18B)	D,K,Q,S,U	1
R	18B	641-0279-002	2	INTEGRATED CKT U1103 (SUPSDS ITEMS 18 AND 18A)	D,K,Q,S U,AD,AK AQ,AS,AU	1
R	-18C	641-0279-002	2	INTEGRATED CKT (SUPSD BY 18D)	Z,AZ	1
R	-18D	641-0279-003	2	MICROCIRCUIT, MODIFIED (SUPSD 18C)	Z,AZ	1
R	-18E	AM2716B250BJA	3	MICROCIRCUIT (ESDS) (V34335) 351-5205-012	Z,AZ	1
R	19	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1102		1
R	20	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1111		1
	21	CD4042BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8201-030 U1104		1
R	22	435668-3	2	SWITCH, DUAL PKG (V00779) 266-0243-260 S1101 EFF TO SB 19		1
R	22A	435238-1	2	SWITCH, DIP (V00779) 266-0243-470 (DELETED BY REVISION)		1
	23	314B473	2	RESISTOR NETWORK DUAL-IN-LINE, 47K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-170 U1101		1
R	24	CK05BX103K	2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1112		1

- ITEM NOT ILLUSTRATED

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51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

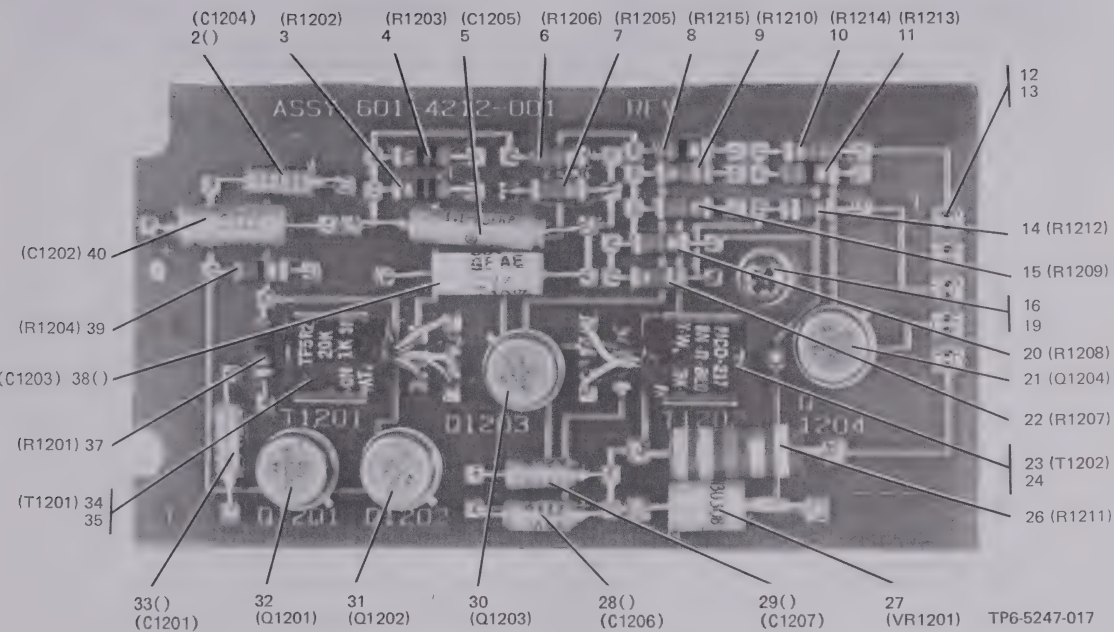
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 13 25	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1113		1
26	MC14502BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8334-010 U1105		1
R 27	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1105		1
R 28	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U1107		1
29	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U1108 (SUPSD BY ITEM 29A)		1
R 29A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U1108 (SUPSDS ITEM 29)		1
R 30	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1104		1
31	RN55D47R5F		2	RESISTOR, FIXED FILM, 47.5 OHMS, 1%, 1/8W (V81349) 705-3600-330 R1112 (EFF TO REV LTR F)		1
31A	RN55D4752F		2	RESISTOR, FIXED FILM, 47.5K, 1%, 1/8W (V81349) 705-3605-800 R1112 (EFF REV F)		1
32	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEG, 10%, 1/4W (V81349) 745-0821-000 R1111		1
33	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C1103		1
34	RCR07G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R1108		1
35	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R1107		1
36	635-5715-001		2	POST		1
R 37	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1110		1
R 38	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1107		1
39	1N4104		2	DIODE (V04713) 353-3591-060 VR1102		1
R 40	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1106		1
41	RN55D39R2F		2	RESISTOR, FIXED FILM, 39.2 OHMS, 1%, 1/8W (V81349) 705-3600-290 R1199 (EFF TO REV LTR F)		1
41A	RN55D3922F		2	RESISTOR, FIXED FILM, 39.20K, 1%, 1/8W (V81349) 705-3605-760 R1199 (EFF REV F)		1
R 42	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R1114	D,K,Q,S U,AD,AK AQ,AS,AU	1
43	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R1113		1
R 44	372-2624-019		2	HOUSING, CONNECTOR ELEC P1 (SUPSD BY 44A)		1
R -44A	102645-3		2	CONNECTOR, ELEC (V00779) 372-2334-110 (SUPSDS 44)		1
R 45	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED WITH 44)		20
46	CDP1824D		2	MICROCIRCUIT (ESDS) (V02735) 351-8507-020 U1106		1
R 47	CK05BX103K		2	CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1115		1
48	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 49	647-6472-001		2	TERMINAL E3 E4 (ADDED)		2

- ITEM NOT ILLUSTRATED

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 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



RMI Servo Amplifier Circuit Card Assembly A12
Figure 14

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 14-1	601-4212-001		1	CIRCUIT CARD ASSY, RMI SERVO AMPLIFIER A12 (SEE FIG 1-17 FOR NHA)	B,D,E,F G,H,K,M Q,S,T,U V,X,Z,AB AD,AE,AF AG,AH,AK AM,AQ,AS AT,AU,AV AX,AZ	RF
	2	150D473X0035A2	2	CAPACITOR,FXD ELCTLT, 0.047UF, 20%, 35V (V56289) 184-7393-000 C1204 (SUPSD BY ITEM 2A)		1
R 2A	40SS473A035M1A		2	CAPACITOR,FXD ELCTLT, 0.047UF, 20%, 35V (V26769) 184-7393-000 C1204 (SUPSDS ITEM 2)		1
	3	RCR07G100KS	2	RESISTOR,FIXED CMPSN, 10 OHMS, 10%, 1/4W (V81349) 745-0677-000 R1202		1
	4	RCR07G100KS	2	RESISTOR,FIXED CMPSN, 10 OHMS, 10%, 1/4W (V81349) 745-0677-000 R1203		1
R 5	151D115X9020W2		2	CAPACITOR,FXD ELCTLT, 1.1UF, 10%, 20V (V56289) 184-8363-000 C1205		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
14 6	RCR07G271KS		2	RESISTOR, FIXED CMPSN, 270 OHMS, 10%, 1/4W (V81349) 745-0728-000 R1206		1
7	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R1205		1
8	RCR07G680KS		2	RESISTOR, FIXED CMPSN, 68 OHMS, 10%, 1/4W (V81349) 745-0707-000 R1215		1
9	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1210		1
10	RCR07G182KS		2	RESISTOR, FIXED CMPSN, 1.8K, 10%, 1/4W (V81349) 745-0758-000 R1214		1
11	RCR07G680KS		2	RESISTOR, FIXED CMPSN, 68 OHMS, 10%, 1/4W (V81349) 745-0707-000 R1213		1
12	372-2252-010		2	CONTACT, ELECTRICAL (V57863)		5
13	372-2625-014		2	HOUSING, CONN, ELEC		1
14	RCR07G391KS		2	RESISTOR, FIXED CMPSN, 390 OHMS, 10%, 1/4W (V81349) 745-0734-000 R1212		1
15	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R1209		1
16	629-6561-013		2	SCREW		1
-17	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		1
R	-18	340-0694-000	2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 18A)		1
R	-18A	340-0644-000	2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 18)		1
19	608-6430-003		2	POST		1
20	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R1208		1
21	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1204		1
22	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1207		1
R	23	EH510	2	TRANSFORMER, AF (V80223) 677-1521-000 T1202		1
24	6009-8A		2	CLIP, COMPONENT (V91506) 139-2336-000		1
R	-25	MS16535-76	2	RIVET, TUBULAR AL, 0.089 DIA X 0.125 (V96906) 305-1755-000 (AP)		1
26	RCR32G331KS		2	RESISTOR, FIXED CMPSN, 330 OHMS, 10%, 1W (V81349) 745-3331-000 R1211		1
27	1N3030B		2	DIODE (V12954) 353-3135-000 VR1201		1
28	150D473X0035A2		2	CAPACITOR, FXD ELCTLT, 0.047UF, 20%, 35V (V56289) 184-7393-000 C1206 (SUPSD BY ITEM 28A)		1
R	28A	40SS473A035M1A	2	CAPACITOR, FXD ELCTLT, 0.047UF, 20%, 35V (V26769) 184-7393-000 C1206 (SUPSDS ITEM 28)		1
29	150D473X0035A2		2	CAPACITOR, FXD ELCTLT, 0.047UF, 20%, 35V (V56289) 184-7393-000 C1207 (SUPSD BY ITEM 29A)		1
R	29A	40SS473A035M1A	2	CAPACITOR, FXD ELCTLT, 0.047UF, 20%, 35V (V26769) 184-7393-000 C1207 (SUPSDS ITEM 29)		1
30	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1203		1
31	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1202		1
32	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1201		1
33	150D473X0035A2		2	CAPACITOR, FXD ELCTLT, 0.047UF, 20%, 35V (V56289) 184-7393-000 C1201 (SUPSD BY ITEM 33A)		1

- ITEM NOT ILLUSTRATED

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51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

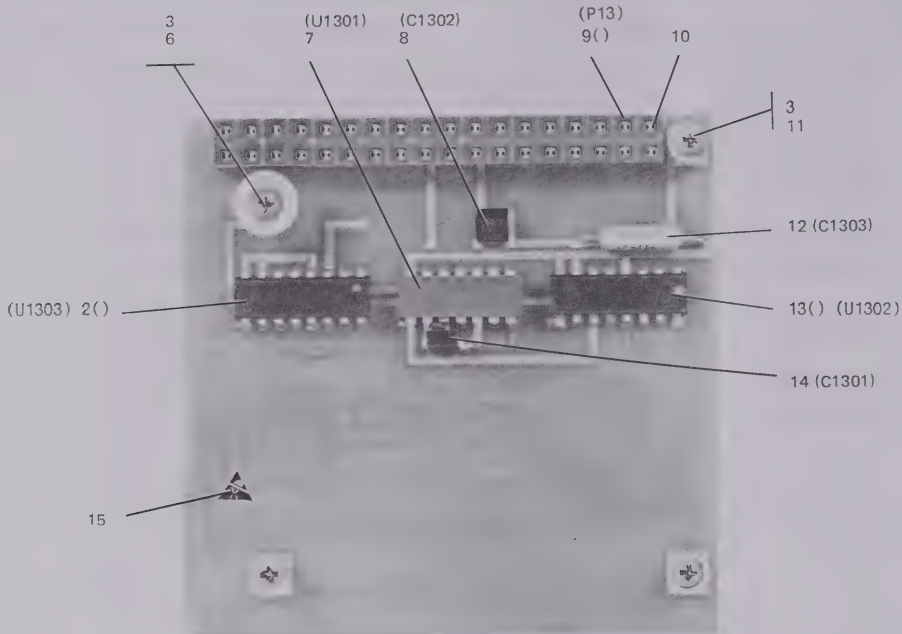
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 14 33A	40SS473A035M1A		2	CAPACITOR,FXD ELCTLT, 0.047UF, 20%, 35V (V26769) 184-7393-000 C1201 (SUPSDS ITEM 33)		1
R 34	EH511		2	TRANSFORMER, AF (V80223) 677-1522-000 T1201		1
R 35	6009-8A		2	CLIP, COMPONENT (V91506) 139-2336-000		1
R -36	MS16535-76		2	RIVET,TUBULAR AL, 0.089 DIA X 0.125 (V96906) 305-1755-000 (AP)		1
	37	RCR07G150KS	2	RESISTOR,FIXED CMPSN, 15 OHMS, 10%, 1/4W (V81349) 745-0683-000 R1201		1
	38	PE1S022-80-10	2	CAPACITOR,FXD PLSTC DIEL, 0.022UF, 10%, 80V (V27735) 933-1039-190 C1203 (SUPSD BY ITEM 38A)		1
R 38A	V146XR1225		2	CAPACITOR,FXD PLSTC DIEL, 0.022UF, 10%, 80V (V50930) 933-1039-190 C1203 (SUPSDS ITEM 38)		1
	39	RCR07G150KS	2	RESISTOR,FIXED CMPSN, 15 OHMS, 10%, 1/4W (V81349) 745-0683-000 R1204		1
R 40	150D225X9035B2		2	CAPACITOR, FIXED, ELCTLT, 2.2UF, 10%, 35V (V56289) 184-7704-000 C1202		1

- ITEM NOT ILLUSTRATED

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 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



2 x 5 Monitor Circuit Card Assembly A13
 Figure 15

TP5-5189-017

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 15-1	601-4313-001		1	CIRCUIT CARD ASSY, 2X5 MONITOR A13 (SEE FIG 1-18 FOR NHA)	T,U,V,AT AU,AV	RF
R 2	SCM43809P		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-010 U1303 (EFF TO REV LTR E)		1
R 2A	SCM45676LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U1303 (EFF REV E TO REV F)		1
R 2B	SCM45957LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-040 U1303 (EFF REV F)		1
3	629-6561-013		2	SCREW		4
4	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		4
R -5	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 5A)		4
R -5A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 5)		4
6	635-5715-001		2	POST		1
7	CD4069UBF		2	MICROCIRCUIT,DIGITA (ESDS) (V02735) 351-8308-020 U1301		1
R 8	CK05BX102K		2	CAPACITOR,FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C1302		1
9	372-2624-027		2	HOUSING,CONNECTOR ELEC (SUPSD BY ITEM 9A)		1

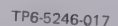
- ITEM NOT ILLUSTRATED

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51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q U A N T I T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 15 9A	102645-4		2	CONNECTOR, ELEC (V00779) 372-2334-190 P13 (SUPSDS ITEM 9)		1
R 10	372-2252-020		2	CONTACT,ELECTRICAL (V57863) (USED WITH ITEM 9)		36
	11 608-6430-003		2	POST		3
	12 M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C1303		1
R 13	SCM43809P		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-010 U1302 (EFF TO REV LTR E)		1
R 13A	SCM45676LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-030 U1302 (EFF REV E TO REV F)		1
R 13B	SCM45957LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-040 U1302 (EFF REV F)		1
R 14	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C1301		1
	15 280-2745-040		2	LABEL, ESDS WARNING (V12998)		1

DETAILED PARTS LIST



34-35-10 Page 380
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
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51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
16-1A	601-4214-001		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67 AND 67C FOR NHA)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	RF
-1B	601-4214-002		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67A FOR NHA)	A,B,C,D F,G,H,J K,L,N,P Q,R,T,U V,W,X	RF
-1C	601-4214-003		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67D FOR NHA)	M	RF
R -1D	642-4214-001		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67B/67G FOR NHA)	A,B,C,D E,F,G,H J,K,L,N P,Q,R,S T,U,V,W X,Z,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AN,AP AQ,AR,AS AT,AU,AV AW,AX,AZ M,AM	RF
R -1E	642-4214-002		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67E FOR NHA)		RF
R -1F	642-4214-003		1	CIRCUIT CARD ASSY, RECEIVER INTERCONNECT A14 (SEE FIG 2-67F FOR NHA)	Y,AY	RF
R 2	1N4454		2	DIODE (V12969) 353-3644-010 CR1417 (SUPSD BY ITEM 2A)		1
2A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1417 (SUPSDS ITEM 2)		1
3	4116R21C		2	RESISTOR,NTWK 22K & 50K, 5%, 3.5W (ESDS) (V80294) 350-4029-010 U1404 (SUPSD BY ITEM 3A)		1
3A	16-21C223-503		2	RESISTOR,NTWK 22K & 50K, 5%, 3.5W (ESDS) (V80294) 350-4029-010 U1404 (SUPSDS ITEM 3)		1
4	926CX5R223M100B		2	CAPACITOR, FIXED CER DIE, 0.022UF, 20%, 100VDC (V56289) 913-3325-010 U1402 (EFF TO REV LTR U)		1
R 4A	926CX5R103M100B		2	CAPACITOR, FIXED CER DIE, 0.01UF, 20%, 100VDC (V56289) 913-3325-020 U1402 (DELETED-REPLACED W/71) (EFF REV U)		1
5	316A273		2	RESISTOR, NETWORK DIP, 27K, 5%, 1.25W PKG (ESDS) (V01121) 350-4030-120 U1401		1
6	DBU110977-6		2	CONNECTOR, RCPT ELEC (V71468) 371-0390-010 P1402 (SUPSD BY ITEM 6A)		1
6A	DBU110977-6A176		2	CONNECTOR, RCPT ELEC (V71468) 371-0390-010 P1402 (SUPSDS ITEM 6)		1
7	629-6953-001		2	PLATE, MTG		1
-8	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
-9	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		2
R 10	540-9051-003		2	POST		2
-11	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (AP)		2
-12	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY UNIT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	16-12A	310-0045-000	2	WASHER,FLAT SST, 0.125 ID X 0.312 OD (V79807) (AP) (SUPSD BY ITEM 12B)		2
	-12B	310-0045-000	2	WASHER,FLAT SST, 0.125 ID X 0.312 OD 310-0045-000 is REF No. for V79807 CRES125IDX3120DX025TH (AP) (SUPSDS ITEM 12A)		2
	12C	757-0269-002	2	CLAMP, CABLE (USED ON ITEMS 1B AND 1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	1
R	13	1N4454	2	DIODE (V12969) 353-3644-010 CR1408 (SUPSD BY ITEM 13A)		1
	13A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1408 (SUPSDS ITEM 13)		1
R	14	1N4454	2	DIODE (V12969) 353-3644-010 CR1409 (SUPSD BY ITEM 14A)		1
	14A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1409 (SUPSDS ITEM 14)		1
	14B	M39003-01-2304	2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 35V (V81349) 184-9086-640 C1413		1
R	14C	1N4454	2	DIODE (V12969) 353-3644-010 CR1419 (SUPSD BY ITEM 14D)		1
	14D	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1419 (SUPSDS ITEM 14C)		1
	15	926CX5R223M100B	2	CAPACITOR, FIXED CER DIEL, 0.022UF, 20%, 100VDC (V56289) 913-3325-010 U1403 (EFF TO REV LTR U)		1
R	15A	926CX5R103M100B	2	CAPACITOR, FIXED CER DIEL, 0.01UF, 20%, 100VDC (V56289) 913-3325-020 U1403 (DELETED-REPLACED W/71) (EFF REV U)		1
R	16	1N4454	2	DIODE (V12969) 353-3644-010 CR1410 (SUPSD BY ITEM 16A)		1
	16A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1410 (SUPSDS ITEM 16)		1
R	17	1N4454	2	DIODE (V12969) 353-3644-010 CR1411 (SUPSD BY ITEM 17A)		1
	17A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1411 (SUPSDS ITEM 17)		1
	18	4116R21C	2	RESISTOR, NTWK 22K & 50K, 5%, 3.5W (ESDS) (V80294) 350-4029-010 U1405 (SUPSD BY ITEM 18A)		1
	18A	16-21C223-503	2	RESISTOR, NTWK 22K & 50K, 5%, 3.5W (ESDS) (V80294) 350-4029-010 U1405 (SUPSDS ITEM 18)		1
	19	635-5732-001	2	CABLE ASSY, RIBBON (NON-REPAIRABLE) E1401 (INCLUDES P1401, P1405)		1
R	20	1N4454	2	DIODE (V12969) 353-3644-010 CR1412 (SUPSD BY ITEM 20A)		1
	20A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1412 (SUPSDS ITEM 20)		1
R	21	1N4454	2	DIODE (V12969) 353-3644-010 CR1414 (SUPSD BY ITEM 21A)		1
	21A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1414 (SUPSDS ITEM 21)		1
R	22	1N4454	2	DIODE (V12969) 353-3644-010 CR1416 (SUPSD BY ITEM 22A)		1
	22A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1416 (SUPSDS ITEM 22)		1
R	23	1N4454	2	DIODE (V12969) 353-3644-010 CR1415 (SUPSD BY ITEM 23A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
16 23A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1415 (SUPSDS ITEM 23)		1
R 24	1N4454		2	DIODE (V12969) 353-3644-010 CR1413 SB 17 (USED ON ITEM 1B) (SUPSD BY 24A)	A,B,C,D F,G,H,J K,L,N,P Q,R,T,U V,W,X	1
	24A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1413 (USED ON ITEM 1B) (SUPSDS ITEM 24)	A,B,C,D F,G,H,J K,L,N,P Q,R,T,U V,W,X	1
R 25	CK05BX330K		2	CAPACITOR, FIXED CER DIEL, 33PF, 10%, 200V (V81349) 913-5019-070 C1405 (SUPSD BY 25A)		1
R -25A	CK05BX151K		2	CAPACITOR, FIXED CER DIEL, 150PF, 10%, 200V (V81349) 913-4008-000 (SB A22)(SB23) (SUPSDS 25)		1
R 26	CK05BX330K		2	CAPACITOR, FIXED CER DIEL, 33PF, 10%, 200V (V81349) 913-5019-070 C1406 (SUPSD BY 26A)		1
R -26A	CK05BX151K		2	CAPACITOR, FIXED CER DIEL, 150PF, 10%, 200V (V81349) 913-4008-000 (SB A22)(SB23) (SUPSDS 26)		1
R 27	LM101AH		2	MICROCIRCUIT (ESDS) (V27014) 351-1040-020 U1408 SB 22 (CHANGE C1401, C1402, C1405 & C1406 TO 150PF WHEN REPLACING THIS PART)		1
	28	635-5732-003	2	CABLE ASSY, RIBBON (NON-REPAIRABLE) E1406 (INCLUDES E1402, P1402)		1
R 29	LM101AH		2	MICROCIRCUIT (ESDS) (V27014) 351-1040-020 U1406 SB 22 (CHANGE C1401, C1402, C1405 & C1406 TO 150PF WHEN REPLACING THIS PART)		1
R 30	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1410		1
	31	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R1404 SB 8 (EFF TO REV LTR R)	A,B,C,D E,F,G,H J,K,L,N P,Q,R,S T,U,V,W	1
	31A	RCR07G102KS	2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R1405		1
	32	RCR07G562KS	2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1401		1
R 33	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1412		1
	34	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R1403		1
	35	RCR07G153KS	2	RESISTOR, FIXED CMPSN, 15K, 10%, 1/4W (V81349) 745-0791-000 R1402		1
R 36	1N4454		2	DIODE (V12969) 353-3644-010 CR1418 (SUPSD BY ITEM 36A)		1
	36A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1418 (SUPSDS ITEM 36)		1
	37	3SAV1271A2	2	RELAY, AMT (V01526) 974-1065-170 K1401 (SUPSD BY ITEM 37A)		1
	37A	HFV1501S09	2	RELAY, AMT (V58614) 974-1065-170 K1401 (SUPSDS ITEM 37)		1
	38	2N3700	2	TRANSISTOR (V49956) 352-0734-020 Q1402		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
16 39	2N3700			2 TRANSISTOR (V49956) 352-0734-020 Q1401		1
R 40	CK05BX103K			2 CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1411		1
R 41	CK05BX103K			2 CAPACITOR, FIXED CER DIELECT, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1409		1
42	635-5730-001			2 CONNECTOR P1401		1
-43	MS51957-10			2 SCREW, MACH SST, 2-56 X 7/8 (V96906) 343-0130-000 (AP)		2
-44	MS51957-8			2 SCREW, MACH SST, 2-56 X 5/8 (V96906) 343-0005-000 (AP)		2
-45	MS51957-7			2 SCREW, MACHINE SST, 2-56 X 1/2 (V96906) 343-0128-000 (AP)		4
R -46	MS35338-134			2 WASHER, LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000 (AP)		8
R -47	310-6320-000			2 WASHER, FLAT SST, 0.092 X 0.219 OD (V79807) (AP)		4
-48	635-5704-001			2 POST (AP)		2
-49	541-5949-002			2 SPACER (AP)		2
50	635-5729-001			3 PIN		2
51	041657-4-02			3 CONNECTOR, RCPT, ELEC (V71468) 370-0056-010		1
R 51A	370-0056-020			4 CONTACT, RCPT		57
52	698-3R100KD			2 RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U1411 OR		1
52A	10167-100K			2 RESISTOR NETWORK CER, DUAL-IN-LINE, 100K (ESDS) (V33256) 350-4008-010 U1411		1
53	635-5732-004			2 CABLE ASSY E1404 (INCLUDES E1405, P1404) (NON-REPAIRABLE)		1
54	698-3R100KD			2 RESISTOR NETWORK SIP, 100K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-030 U1410 OR		1
54A	10167-100K			2 RESISTOR NETWORK CER, DUAL-IN-LINE, 100K (ESDS) (V33256) 350-4008-010 U1410		1
R 55	CK05BX330K			2 CAPACITOR, FIXED CER DIELECT, 33PF, 10%, 200V (V81349) 913-5019-070 C1402 (SUPSD BY 55A)		1
R -55A	CK05BX151K			2 CAPACITOR, FIXED CER DIELECT, 150PF, 10%, 200V (V81349) 913-4008-000 (SB A22)(SB 23) (SUPSDS 55)		1
R 56	LM101AH			2 MICROCIRCUIT (ESDS) (V27014) 351-1040-020 U1409 SB 22 (CHANGE C1401, C1402, C1405 & C1406 TO 150PF WHEN REPLACING THIS PART)		1
R 57	CK05BX330K			2 CAPACITOR, FIXED CER DIELECT, 33PF, 10%, 200V (V81349) 913-5019-070 C1401 (SUPSD BY 57A)		1
R -57A	CK05BX151K			2 CAPACITOR, FIXED CER DIELECT, 150PF, 10%, 200V (V81349) 913-4008-000 (SB A22)(SB 23) (SUPSDS 57)		1
R 58	LM101AH			2 MICROCIRCUIT (ESDS) (V27014) 351-1040-020 U1407 SB 22 (CHANGE C1401, C1402, C1405 & C1406 TO 150PF WHEN REPLACING THIS PART)		1
R 59	1N4454			2 DIODE (V12969) 353-3644-010 CR1401 (SUPSD BY ITEM 59A)		1
59A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR1401 (SUPSDS ITEM 59)		1
R 60	1N4454			2 DIODE (V12969) 353-3644-010 CR1402 (SUPSD BY ITEM 60A)		1

- ITEM NOT ILLUSTRATED

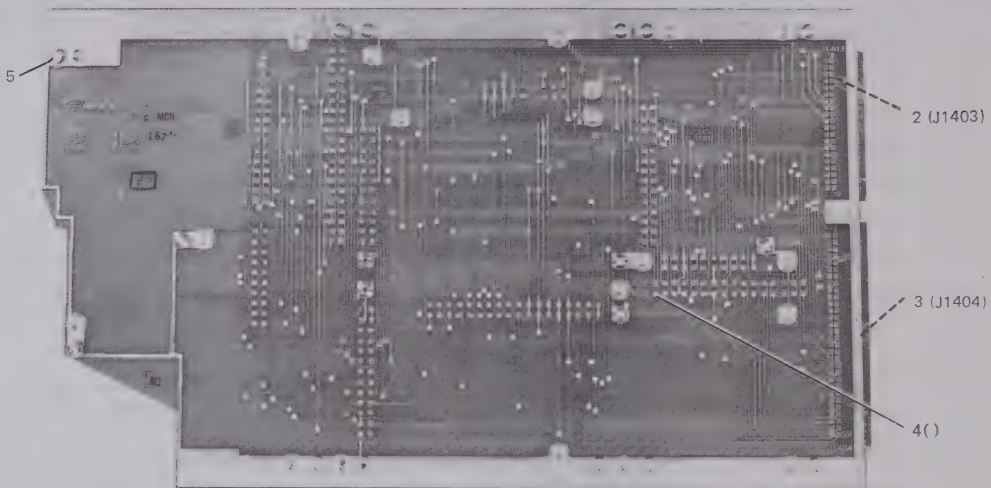
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
16 60A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1402 (SUPSDS ITEM 60)		1
61	635-5732-002		2	CABLE ASSY, RIBBON E1403 (INCLUDES P1403) (NON-REPAIRABLE)		1
R 62	1N4454		2	DIODE (V12969) 353-3644-010 CR1403 (SUPSD BY ITEM 62A)		1
62A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1403 (SUPSDS ITEM 62)		1
R 63	1N4454		2	DIODE (V12969) 353-3644-010 CR1404 (SUPSD BY ITEM 63A)		1
63A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1404 (SUPSDS ITEM 63)		1
R 64	1N4454		2	DIODE (V12969) 353-3644-010 CR1405 (SUPSD BY ITEM 64A)		1
64A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1405 (SUPSDS ITEM 64)		1
R 65	1N4454		2	DIODE (V12969) 353-3644-010 CR1406 (SUPSD BY ITEM 65A)		1
65A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1406 (SUPSDS ITEM 65)		1
R 66	1N4454		2	DIODE (V12969) 353-3644-010 CR1407 (SUPSD BY ITEM 66A)		1
66A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1407 (SUPSDS ITEM 66)		1
67	NA1104-012		2	CONTACT, ELECTRICAL (V57863) 372-2601-012 (USED ON ITEMS 1B AND 1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	3
68	629-6949-001		2	SPACER,SLEEVE (USED ON ITEMS 1B,1C,1D, 1E, 1F)		8
69	608-6395-016		2	NUT,RIVET (USED ON ITEMS 1B,1C,1D, 1E,1F)		1
70	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON ITEMS 1B AND 1C)	A,B,C,D F,G,H,J K,L,M,N P,Q,R,T U,V,W,X	5
R 70A	76602-102		2	CONTACT (V22526) 372-2601-545 (USED ON ITEMS 1D AND 1E)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Z,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AS,AT,AU AV,AW,AX AZ Y,AY	5
70B	76602-102		2	CONTACT (V22526) 372-2601-545		6
R 71	923CX7R103K100B		2	CAPACITOR, FIXED, CER DIEL, 0.010UF, 10%, 100V (V56289) 913-3325-420 C1414 C1415 C1416 C1417 C1418 C1419 C1420 C1421 C1422 C1423 C1424 C1425 C1426 C1427 C1428 C1429 (REPLACES U1402 & U1403)		16

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5204-017

Instrumentation Interconnect Circuit Card Assembly A15
Figure 17

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
17-1A	601-4215-001		1	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 2-26 AND 26B FOR NHA)	A,B,C,D,E F,G,H,J,K L,M,N,P,Q R,S,T,U,V W,X	RF
-1B	642-4215-001		1	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 2-26A AND 26C FOR NHA)	A,B,C,D,E F,G,H,J,K L,M,N,P,Q R,S,T,U,V W,X	RF
R -1C	642-4215-002		1	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 2-26D FOR NHA)	Y,AY	RF
R -1D	642-4215-003		1	CIRCUIT CARD ASSY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 2-26E FOR NHA)	Z,AZ	RF
R -1E	642-4215-004		1	CIRCUIT CARD ASSEMBLY, INSTRUMENTATION INTERCONNECT A15 (SEE FIG 2-26F FOR NHA)		
2	87476-6		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-160 J1403		1
3	87476-8		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-260 J1404		1
4	NA1104-077		2	CONTACT, ELECTRICAL (V57863) 372-2601-077		270
5	608-6395-009		2	NUT,RIVET		38

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5(5) VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5(5) VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 386, 34-35-10

Subject: Detailed Parts List

Change effect codes on item 1B as shown:

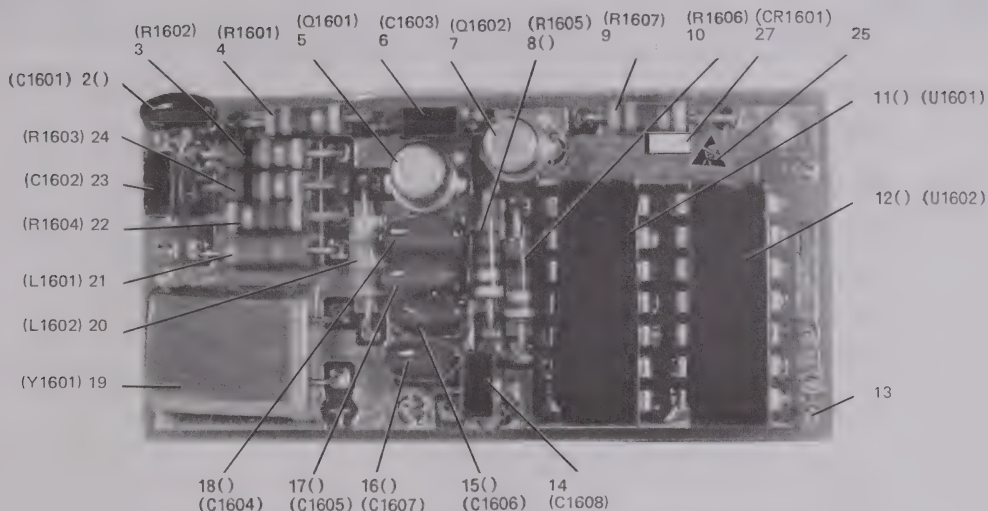
-1B 642-4215-001

1 CIRCUIT CARD ASSY, INSTRUMENTATION
INTERCONNECT (SEE FIG 2-26C FOR NHA)
(SEE FIG 2-26A FOR NHA)

A,B,C,D RF
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,AA
AB,AC,AD
AE,AF,AG
AH,AJ,AK
AL,AM,AN
AP,AR,AS
AT,AU,AV
AW,AX

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP6-5248-017

Second Inject Oscillator Circuit Card Assembly A16
Figure 18

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 18-1	601-4316-001		1	CIRCUIT CARD, VOR/LOC OSCILLATOR A16 (SEE FIG 3-42 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AM,AN AP,AQ,AR AS,AT,AU AV,AW,AX AY,AZ	RF
2	CDFY221J0		2	CAPACITOR,FXD MICA DIEL, 220PF, 5%, 50V (V93790) 912-4141-450 C1601 (SUPSD BY ITEM 2A)		1
R 2A	DR20CB221J		2	CAPACITOR,FIXED CER DIEL, 220PF, 5%, 100VDC (V93958) 913-3117-060 C1601 (SUPSDS ITEM 2)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 18 3	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R1602 (SUPSD BY 3A)		1
R -3A	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (SUPSDS 3)		1
R 4	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1601 (SUPSD BY 4A)		1
R -4A	828-6048-750		2	RESISTOR, FIXED, FILM, 3.32K, 1%, 1/4W (SUPSDS 4)		1
R 5	2N918		2	TRANSISTOR (V04713) 352-0440-000 Q1601		1
R 6	CK05BX103K		2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1603		1
R 7	2N5179		2	TRANSISTOR (ESDS) (V04713) 352-0792-020 Q1602 (SUPSD BY 7A)		1
R -7A	2N2369A		2	TRANSISTOR (V14433) 352-0596-030 (SUPSDS 7)		1
8	RCR07G681KS		2	RESISTOR, FIXED CMPSN, 680 OHMS, 10%, 1/4W (V81349) 745-0743-000 R1605 SB 8 (EFF TO REV LTR H)		1
R 8A	RCR07G271KS		2	RESISTOR, FIXED CMPSN, 270 OHMS, 10%, 1/4W (V81349) 745-0728-000 R1605 SB 8 (EFF TO REV H) (SUPSD BY 8B)		1
R -8B	828-6048-440		2	RESISTOR, FIXED, FILM, 274 OHMS, 1%, 1/4W (SUPSDS 8A)		1
R 9	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1607 (DELETED)		1
R 10	RCR07G102KS		2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R1606 (SUPSD BY 10A)		1
R -10A	828-6048-510		2	RESISTOR, FIXED, FILM, 475 OHMS, 1%, 1/4W (SUPSDS 10)		1
11	SN54LS93J		2	MICROCIRCUIT, (ESDS) (V04713) 351-1738-010 U1601 (SUPSD BY ITEM 11A)		1
R 11A	5493DM		2	INTEGRATED CIRCUIT BINARY COUNTER (V07263) 351-7695-010 U1601 (SUPSD BY ITEM 11B)		1
R 11B	DM5493AJ		2	INTEGRATED CIRCUIT BINARY COUNTER (V27014) 351-7695-010 U1601 (SUPSDS ITEMS 11 AND 11A)		1
12	MC14024BAL		2	INTEGRATED CIRCUIT (ESDS) (V04713) 351-8186-010 U1602 (SUPSD BY ITEM 12A)		1
12A	CD4024BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8186-010 U1602 (SUPSDS ITEM 12)		1
13	NA1103-161		2	CONTACT, ELECTRICAL (V57863) 372-2601-161		7
14	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 10000PF, 10%, 50VDC (V81349) 913-5019-320 C1608		1
15	CD5FY101J0		2	CAPACITOR, FXD MICA DIE, 100PF, 5%, 50V (V93790) 912-4141-050 C1606 (SUPSD BY ITEM 15A)		1
R 15A	913-3281-280		2	CAPACITOR, FIXED CER DIE, 100PF, 5%, 100V 913-3281-280 is REF No. for V59660 8121A1XXC0G0101J C1606 (SUPSDS ITEM 15)		1
16	CD5FY101J0		2	CAPACITOR, FXD MICA DIE, 100PF, 5%, 50V (V93790) 912-4141-050 C1607 (SUPSD BY ITEM 16A)		1
R 16A	913-3281-280		2	CAPACITOR, FIXED CER DIE, 100PF, 5%, 100V 913-3281-280 is REF No. for V59660 8121A1XXC0G0101J C1607 (SUPSDS ITEM 16)		1
17	CD5EY560J0		2	CAPACITOR, FXD MICA DIE, 56PF, 5%, 50V (V93790) 912-4141-310 C1605 (SUPSD BY ITEM 17A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

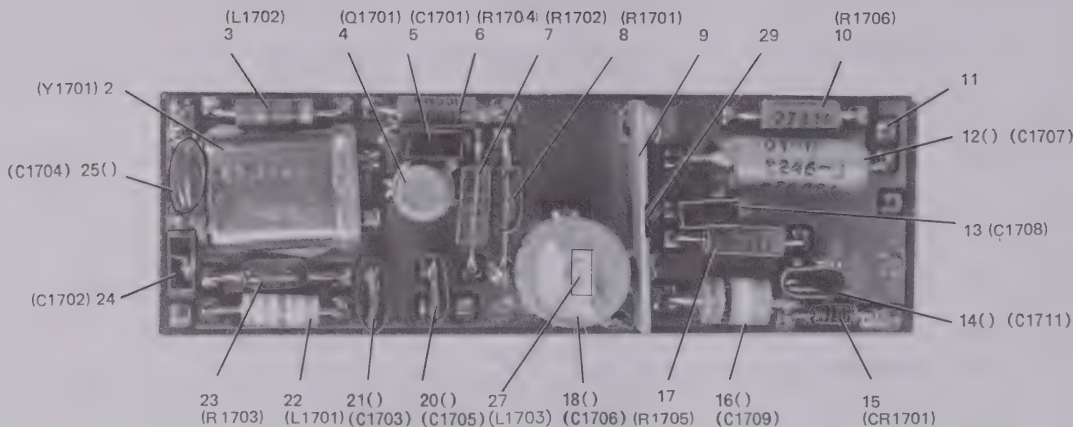
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 18 17A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C1605 (SUPSDS ITEM 17)		1
18	CD5EY560J0		2	CAPACITOR, FXD MICA DIEL, 56PF, 5%, 50V (V93790) 912-4141-310 C1604 (SUPSD BY ITEM 18A)		1
R 18A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C1604 (SUPSDS ITEM 18)		1
19	289-7193-090M20		2	CRYSTAL UNIT, QTZ 21.5685MHZ (V00136) 289-7193-090 Y1601		1
20	MS75084-05		2	COIL, RF, 2.70UH (V96906) 240-2028-000 L1602		1
21	MS75084-06		2	COIL, RF, 3.30UH (V96906) 240-2029-000 L1601		1
R 22	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R1604 (SUPSD BY 22A)		1
R -22A	828-6048-510		2	RESISTOR, FIXED, FILM, 475 OHMS, 1%, 1/4W (SUPSDS 22)		1
23	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1602		1
R 24	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R1603 (SUPSD BY 24A)		1
R -24A	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (SUPSDS 24)		1
25	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 27	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1601 (ADDED)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5212-017

VOR/LOC Self-Test Oscillator Circuit Card Assembly A17
Figure 19

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 19-1A	601-4317-001		1	CIRCUIT CARD, VOR/LOC SELF-TEST OSC A17 (SEE FIG 3-283/3B-85 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
R -1B	601-4317-003		1	CIRCUIT CARD, VOR/LOC SELF TEST OSC A17 (SEE FIG 32-9 FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
2	289-7193-070M20		2	CRYSTAL UNIT,QTZ 53.975000MHZ (V00136) 289-7193-070 Y1701		1
3	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 L1702		1
4	2N918		2	TRANSISTOR (V04713) 352-0440-000 Q1701		1
R 5	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1701		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	NOTES	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
19 6	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R1704		1
7	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R1702		1
8	RN55D6811F		2	RESISTOR, FIXED FILM, 6.81K, 1%, 1/8W (V81349) 705-1036-000 R1701		1
9	635-5574-001		2	SHIELD		1
R 10	RN55D2741F		2	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 R1706 (USED ON 1A)		1
R -10A	RN55D3832F		2	RESISTOR, FIXED FILM, 38.3K, 1%, 1/8W (V81349) 705-1072-000 (USED ON 1B)		1
11	NA1104-137		2	CONTACT, ELECTRICAL (V57863) 372-2601-137		7
12	M39003-01-2246		2	CAPACITOR, FIXED ELCTLT, 56UF, 10%, 6V (V81349) 184-9086-060 C1707 SB 8 (EFF TO REV LTR F)		1
12A	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C1707 SB 8 (EFF REV F)		1
R 13	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C1708		1
14	CD5EY270J0		2	CAPACITOR, FXD MICA DIEL, 27PF, 5%, 50V (V93790) 912-4141-180 C1711 (SUPSD BY ITEM 14A)		1
R 14A	913-1098-570		2	CAPACITOR, FIXED CER DIEL, 27PF, 10%, 100VDC 913-1098-570 is REF No. for V72982 RPE110C0G270K100V C1711 (SUPSD BY 14B)		1
R 14B	647-9276-001		2	CAPACITOR, TEST SELECT C1711 (SUPSDS 14A)		1
R -14C	913-1098-570		3	CAPACITOR, FIXED CER DIEL, 27PF, 10%, 100VDC 913-1098-570 is REF No. for V72982 RPE110C0G270K100V		AR
R -14D	913-1098-640		3	CAPACITOR, FIXED CER DIEL, 47PF, 5%, 100VDC 913-1098-640 is REF No. for V72982 RPE110C0G470J100V		AR
R -14E	CK05BX680K		3	CAPACITOR, FIXED CER DIEL, 68PF, 10%, 200V (V81349) 913-4004-000		AR
R -14F	CK05BX101K		3	CAPACITOR, FIXED CER DIEL, 100PF, 10%, 200V (V81349) 913-4006-000		AR
R -14G	CK05BX151K		3	CAPACITOR, FIXED CER DIEL, 150PF, 10%, 200V (V81349) 913-4008-000		AR
R -14H	CK05BX330K		3	CAPACITOR, FIXED CER DIEL, 33PF, 10%, 200V (V81349) 913-5019-070		AR
15	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR1701		1
R 16	QC2-0UUF5PCT		2	CAPACITOR, FXD CER DIEL, 2PF, 5%, 500V (V95121) 913-2984-000 C1709 (SUPSD BY ITEM 16A)		1
R 16A	QC2-0PF5PCT		2	CAPACITOR, FXD CER DIEL, 2PF, 5%, 500V (V95121) 913-2984-000 C1709 (SUPSDS ITEM 16)		1
R 17	RN55D9531F		2	RESISTOR, FIXED FILM, 9.53K, 1%, 1/8W (V81349) 705-1043-000 R1705 (USED ON 1A)		1
R -17A	RN55D6982F		2	RESISTOR, FIXED FILM, 69.8K, 1%, 1/8W (V81349) 705-3605-880 (USED ON 1B)		1
R 18	538011C0P092R		2	CAPACITOR, VAR CER DIEL, 5.5 TO 18PF, 350V (V72982) 917-1222-000 C1706 (SUPSD BY ITEM 18A)		1
R 18A	538-080A5-5-18		2	CAPACITOR, VAR CER DIEL, 5.5 TO 18PF, 350V (V59660) 917-1222-000 C1706 (SUPSDS ITEM 18)		1

- ITEM NOT ILLUSTRATED

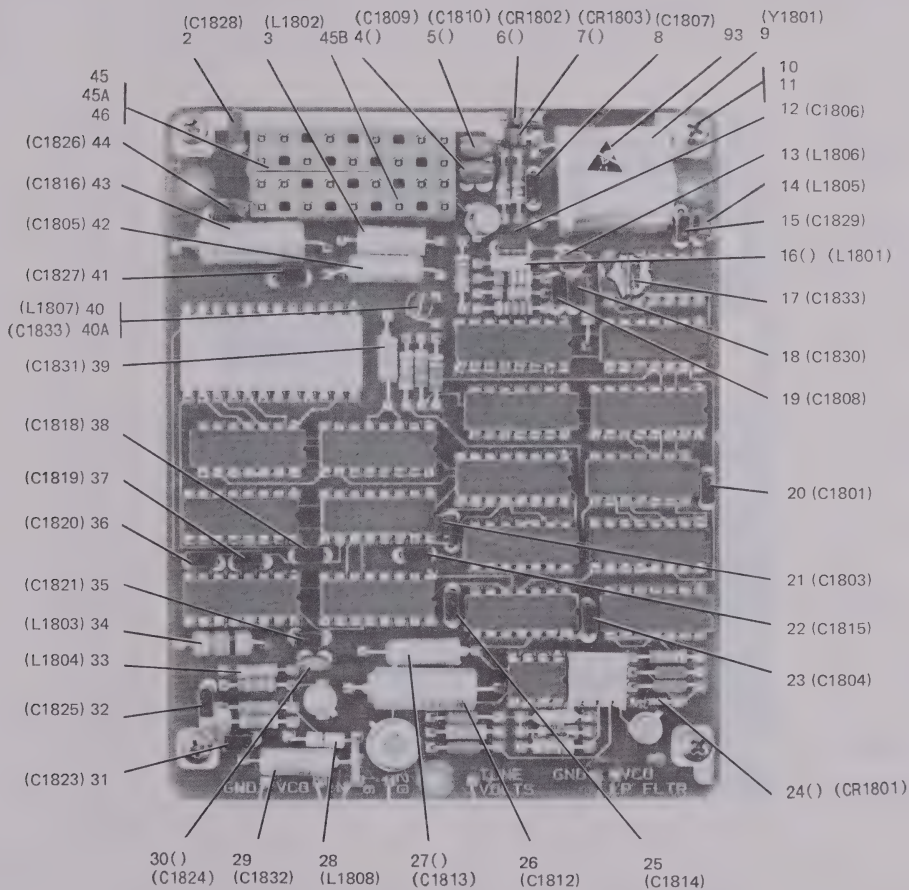
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- STOCK	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
19 20	DM5C020D300WV			2 CAPACITOR,FXD MICA DIEL, 2PF, PORM 0.5PF, 300V (V72136) 912-4141-540 C1705 (SUPSD BY ITEM 20A)		1
R 20A	913-1098-260			2 CAPACITOR, FIXED, CER, 1.8PF, PORM 0.25PF, 100V 913-1098-260 is REF No. for V51642 RPE110C0G1R8C100V C1705 (SUPSDS ITEM 20)		1
21	CD5CC100D0			2 CAPACITOR, FIXED MICA DIEL, 10PF, PORM 0.5PF, 300V (V93790) 912-4141-020 C1703 (SUPSD BY ITEM 21A)		1
21A	913-1098-010			2 CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V C1703 (SUPSDS ITEM 21)		1
22	MS75083-11			2 COIL, RF, 0.68UH (V96906) 240-2021-000 L1701		1
23	RN55D2211F			2 RESISTOR, FIXED FILM, 2.21K, 1%, 1/8W (V81349) 705-3605-160 R1703		1
R 24	CK05BX102K			2 CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C1702		1
25	CD5EY430J0			2 CAPACITOR, FXD MICA DIEL, 43PF, 5%, 50V (V93790) 912-4141-260 C1704 (SUPSD BY ITEM 25A)		1
R 25A	CCR05CG470JM			2 CAPACITOR, FIXED CER DIEL, 47PF, 5%, 200VDC (V04222) 913-3319-420 C1704 (SUPSDS ITEM 25)		1
R 27	MS75083-04			2 COIL, RF, 0.18UH (V96906) 240-2014-000 L1703 (SB 24) (ADDED)		1
R 29	280-3778-100			2 LABEL, INFORMATION (V0BU16) (ADDED)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

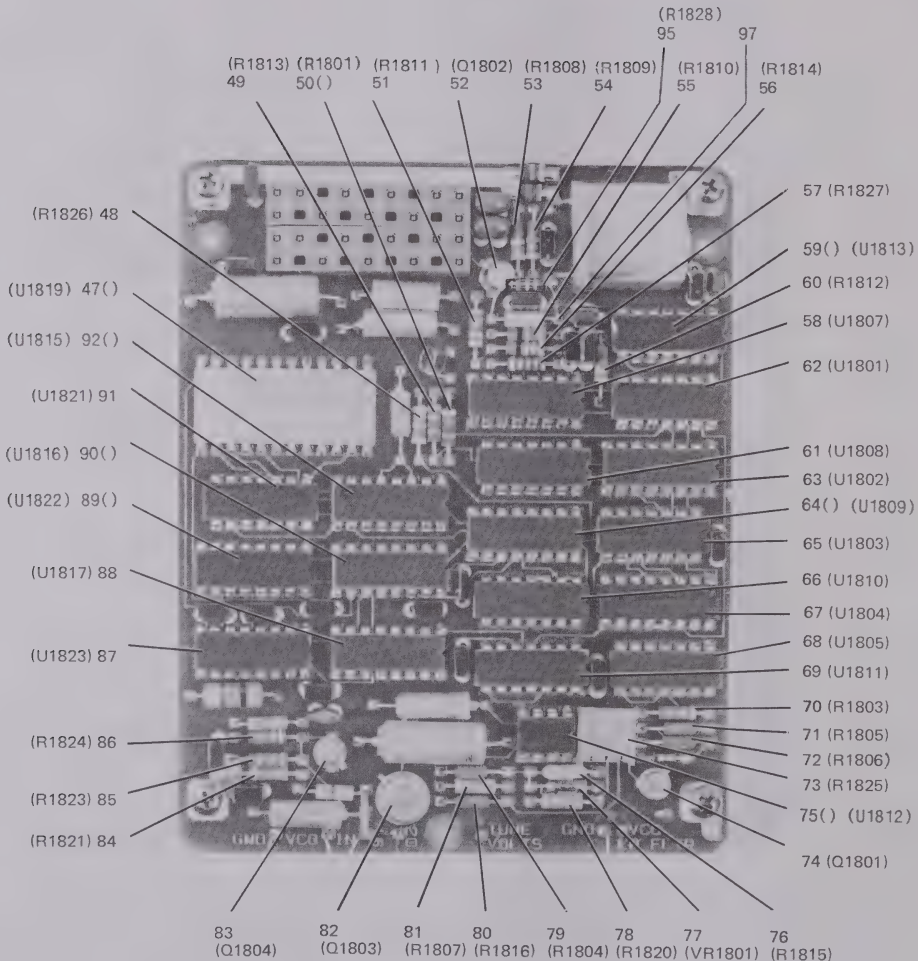
DETAILED PARTS LIST



TP5-5148-027

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5148-027

VOR/LOC Synthesizer Circuit Card Assembly A18
 Figure 20 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5(5) VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5(5) VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 395, 34-35-10

Subject: Detailed Parts List

Add effect code Z to item 1B as shown:

-1B 642-4218-001

1 CIRCUIT CARD, SMO-VOR/LOC (ESDS) A18 (SEE
FIG 3-300A FOR NHA)

A,B,C,D
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,Y,Z RF

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 20-1A	601-4318-001		1	CIRCUIT CARD, VOR/LOC SYNTHESIZER A18 (SEE FIG 3-300 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y	RF
R -1B	642-4218-001		1	CIRCUIT CARD, SMO-VOR/LOC (ESDS) A18 (SEE FIG 3-300A FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y	RF
	2 CK05BX223K		2	CAPACITOR, FIXED CER DIELECTRIC, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1828		1
R 3	MS75101-1		2	COIL, RF 3.3UH (V96906) 240-1594-000 L1802		1
4	DM5F391J050WV		2	CAPACITOR, FXD MICA DIELECTRIC, 390PF, 5%, 50V (V72136) 912-4141-510 C1809 (SUPSD BY ITEM 4A)		1
R 4A	200-100NP0-391K		2	CAPACITOR, FIXED CER DIELECTRIC, 390PF, 10%, 100VDC (V51642) 913-3281-060 C1809 (SUPSDS ITEM 4)		1
5	CD5FY331J0		2	CAPACITOR, FXD MICA DIELECTRIC, 330PF, 5%, 50V (V93790) 912-4141-490 C1810 (SUPSD BY ITEM 5A)		1
R 5A	DR20CB331J		2	CAPACITOR, FIXED CER DIELECTRIC, 330PF, 5%, 100VDC (V93958) 913-3117-070 C1810 (SUPSDS ITEM 5)		1
R 6	SMV1276		2	SEMICONDUCTOR DEVICE SINGLE (V04713) 922-6124-040 CR1802 (USED ON 1A) (SUPSD BY 6A)		1
R 6A	BB109-6131-020		2	SEMICONDUCTOR DEVICE (V12954) 922-6131-020 CR1802 (USED ON 1A) (SUPSD BY 6B)		1
R 6B	BB409E		2	SEMICONDUCTOR DEVICE (V25088) 922-6131-020 CR1802 (USED ON 1A) (SUPSDS 6/6A)		1
R -6C	SMV1276		2	SEMICONDUCTOR DEVICE SINGLE (V04713) 922-6124-040 (USED ON 1B) (SUPSD BY 6D)		1
R -6D	BB409E		2	SEMICONDUCTOR DEVICE (V25088) 922-6131-020 (USED ON 1B) (SUPSD BY 6E)		1
R -6E	BB409T		2	DIODE (V25088) 922-6106-020 (USED ON 1B) (SUPSDS 6C/6D)		1
R 7	SMV1276		2	SEMICONDUCTOR DEVICE SINGLE (V04713) 922-6124-040 CR1803 (USED ON 1A) (SUPSD BY 7A)		1
R 7A	BB109-6131-020		2	SEMICONDUCTOR DEVICE (V12954) 922-6131-020 CR1803 (USED ON 1A) (SUPSD BY 7B)		1
R 7B	BB409E		2	SEMICONDUCTOR DEVICE (V25088) 922-6131-020 CR1803 (USED ON 1A) (SUPSDS 7/7A)		1
R -7C	SMV1276		2	SEMICONDUCTOR DEVICE SINGLE (V04713) 922-6124-040 (USED ON 1B) (SUPSD BY 7D)		1
R -7D	BB409E		2	SEMICONDUCTOR DEVICE (V25088) 922-6131-020 (USED ON 1B) (SUPSD BY 7E)		1
R -7E	BB409T		2	DIODE (V25088) 922-6106-020 (USED ON 1B) (SUPSDS 7C/7D)		1
R 8	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1807		1
9	289-7291-010		2	CRYSTAL UNIT, QTX 4.8MHZ (V00136) Y1801		1
10	608-6430-018		2	POST		4
11	635-5703-002		2	SLEEVE		4
R 12	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1806		1
13	635-5707-001		2	CHOKE L1806		1
14	635-5707-001		2	CHOKE L1805		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
20 15	CK05BX331K		2	CAPACITOR, FIXED CER DIELECTRIC, 330PF, 10%, 200V (V81349) 913-4012-000 C1829		1
16	MS75084-10		2	COIL, RF, 6.80UH (V96906) 240-2033-000 L1801 (SUPSD BY ITEM 16A)		1
16A	MS75084-12		2	COIL, RF, 10UH (V96906) 240-2035-000 L1801 (SUPSDS ITEM 16)		1
17	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1833 (USED ON ITEM 1A)		1
18	CK05BX331K		2	CAPACITOR, FIXED CER DIELECTRIC, 330PF, 10%, 200V (V81349) 913-4012-000 C1830		1
19	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1808		1
20	CK05BX223K		2	CAPACITOR, FIXED CER DIELECTRIC, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1801		1
21	CK05BX223K		2	CAPACITOR, FIXED CER DIELECTRIC, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1803		1
22	CK05BX223K		2	CAPACITOR, FIXED CER DIELECTRIC, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1815		1
23	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1804		1
R 24	1N4454		2	DIODE (V12969) 353-3644-010 CR1801 (SUPSD BY ITEM 24A)		1
24A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1801 (SUPSDS ITEM 24)		1
25	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1814		1
26	M39003-01-2307		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 35V (V81349) 184-9086-670 C1812		1
27	M39003-01-2272		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 15V (V81349) 184-9086-320 C1813 (EFF TO REV R)		1
27A	M39003-01-2283		2	CAPACITOR, FIXED ELCTLT, 2.2UF, 10%, 20V (V81349) 184-9086-430 C1813 (EFF REV R)		1
28	MS75085-07		2	COIL, RF, 100UH (V96906) 240-2047-000 L1808		1
29	M39003-01-2286		2	CAPACITOR, FIXED ELCTLT, 10UF, 10%, 20V (V81349) 184-9086-460 C1832		1
30	CD5CC100D0		2	CAPACITOR, FIXED MICA DIELECTRIC, 10PF, PORM 0.5PF, 300V (V93790) 912-4141-020 C1824 (SUPSD BY ITEM 30A)		1
30A	913-1098-010		2	CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V C1824 (SUPSDS ITEM 30)		1
R 31	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1823		1
R 32	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1825		1
33	MS75083-05		2	COIL, RF, 0.22UH (V96906) 240-2015-000 L1804		1
R 34	MS14046-5		2	COIL, RF 12UH (V96906) 240-1581-000 L1803		1
R 35	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1821		1
36	CK05BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1820		1
R 37	CK05BX102K		2	CAPACITOR, FIXED CER DIELECTRIC, 1000PF, 10%, 200V (V81349) 913-4018-000 C1819		1
38	CK05BX223K		2	CAPACITOR, FIXED CER DIELECTRIC, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1818		1
39	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C1831		1
40	635-5707-001		2	CHOKO L1807 (USED ON ITEM 1A)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
20 40A	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1833 (USED ON ITEM 1B)		1
41	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1827		1
42	M39003-01-2272		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 15V (V81349) 184-9086-320 C1805		1
43	M39003-01-2307		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 35V (V81349) 184-9086-670 C1816		1
44	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1826		1
45	372-2624-018		2	HOUSING, CONNECTOR ELEC (USED ON ITEM 1A)		2
45A	372-2334-100		2	CONNECTOR, ELEC (V00779) P1801A (USED ON ITEM 1B)		1
45B	372-2334-100		2	CONNECTOR, ELEC (V00779) P1801B (USED ON ITEM 1B)		1
46	372-2252-020		2	CONTACT, ELECTRICAL (V57863)		22
47	84862		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-010 U1819 (SUPSD BY ITEM 47A)		1
R	47A	91176	2	INTEGRATED CKT (ESDS) (V02735) 351-8384-010 U1819 (SUPSDS ITEM 47)		1
R	48	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R1826 (USED ON 1A)		1
R	-48A	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 (USED ON 1B) (SUPSD BY 48B)		1
R	-48B	828-6050-220	2	RESISTOR, FIXED, FILM, 47.5K, 1%, 1/4W (USED ON 1B) (SUPSDS 48A)		1
R	49	RCR07G562KS	2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1813 (USED ON 1A)		1
R	-49A	RCR07G562KS	2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 (USED ON 1B) (SUPSD BY 49B)		1
R	-49B	828-6048-820	2	RESISTOR, FIXED, FILM, 5.62K, 1%, 1/4W (USED ON 1B) (SUPSDS 49A)		1
	50	RCR07G562KS	2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1801 SB 8 (EFF TO REV LTR K) (USED ON 1A)		1
	50A	RCR07G102KS	2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 R1801 SB 8 (EFF REV K) (USED ON 1A)		1
R	-50B	RCR07G102KS	2	RESISTOR, FIXED CMPSN, 1K, 10%, 1/4W (V81349) 745-0749-000 (USED ON 1B) (SUPSD BY 50C)		1
R	-50C	828-6048-590	2	RESISTOR, FIXED, FILM, 1K, 1%, 1/4W (USED ON 1B) (SUPSDS 50B)		1
	51	RCR07G392KS	2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 R1811 (USED ON 1A)		1
R	-51A	RCR07G392KS	2	RESISTOR, FIXED CMPSN, 3.9K, 10%, 1/4W (V81349) 745-0770-000 (USED ON 1B) (SUPSD BY 51B)		1
R	-51B	828-6048-770	2	RESISTOR, FIXED, FILM, 3.92K, 1%, 1/4W (USED ON 1B) (SUPSDS 51A)		1
	52	2N918	2	TRANSISTOR (V04713) 352-0440-000 Q1802		1
R	53	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R1808 (USED ON 1A)		1
R	-53A	RCR07G223KS	2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 (USED ON 1B) (SUPSD BY 53B)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 20-53B	828-6050-110		2	RESISTOR, FIXED, FILM, 22.1K, 1%, 1/4W (USED ON 1B) (SUPSDS 53A)		1
R 54	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 R1809 (USED ON 1A)		1
R -54A	RCR07G223KS		2	RESISTOR, FIXED CMPSN, 22K, 10%, 1/4W (V81349) 745-0797-000 (USED ON 1B) (SUPSD BY 54B)		1
R -54B	828-6050-110		2	RESISTOR, FIXED, FILM, 22.1K, 1%, 1/4W (USED ON 1B) (SUPSDS 54A)		1
R 55	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R1810 (USED ON 1A)		1
R -55A	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 (USED ON 1B) (SUPSD BY 55B)		1
R -55B	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (USED ON 1B) (SUPSDS 55A)		1
R 56	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R1814 (USED ON 1A)		1
R -56A	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 (USED ON 1B) (SUPSD BY 56B)		1
R -56B	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (USED ON 1B) (SUPSDS 56A)		1
57	RCR07G681KS		2	RESISTOR, FIXED CMPSN, 680 OHMS, 10%, 1/4W (V81349) 745-0743-000 R1827		1
58	CD4018BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8326-010 U1807		1
R 59	SN5404J		2	INTEGRATED CIRCUIT (ESDS) (V01295) 351-7689-010 U1813 (SUPSD BY ITEM 59A)		1
R 59A	5404DM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-7689-010 U1813 (SUPSDS ITEM 59)		1
R 60	RCR07G821KS		2	RESISTOR, FIXED CMPSN, 820 OHMS, 10%, 1/4W (V81349) 745-0746-000 R1812 (USED ON 1A)		1
R -60A	RCR07G821KS		2	RESISTOR, FIXED CMPSN, 820 OHMS, 10%, 1/4W (V81349) 745-0746-000 (USED ON 1B) (SUPSD BY 60B)		1
R -60B	828-6048-570		2	RESISTOR, FIXED, FILM, 825 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 60A)		1
R 61	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U1808		1
62	SN54LS93J		2	MICROCIRCUIT, (ESDS) (V04713) 351-1738-010 U1801		1
63	CD4018BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8326-010 U1802		1
R 64	SN54LS191J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-020 U1809 (SUPSD BY ITEM 64A)		1
R 64A	DM54LS191J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-020 U1809 (SUPSDS ITEM 64)		1
R 65	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U1803		1
R 66	SN54LS00J		2	MICROCIRCUIT (ESDS) (V04713) 351-1523-010 U1810		1
67	MC14572UBCP		2	MICROCIRCUIT (ESDS) (V04713) 351-8314-010 U1804		1
R 68	CD4093BMJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8332-020 U1805		1
69	SN54LS74AJ		2	MICROCIRCUIT (ESDS) (V04713) 351-1525-010 U1811		1
R 70	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1803 (USED ON 1A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 20-70A	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 (USED ON 1B) (SUPSD BY 70B)		1
R -70B	828-6048-820		2	RESISTOR, FIXED, FILM, 5.62K, 1%, 1/4W (USED ON 1B) (SUPSDS 70A)		1
71	RN55D3320F		2	RESISTOR, FIXED FILM, 332 OHMS, 1%, 1/8W (V81349) 705-0973-000 R1805		1
72	RN55D1211F		2	RESISTOR, FIXED FILM, 1.21K, 1%, 1/8W (V81349) 705-1000-000 R1806		1
R 73	3386P1-102		2	RESISTOR, VAR 1000 OHMS, 10% (V80294) 382-0051-050 R1825		1
74	2N2369A		2	TRANSISTOR (V14433) 352-0596-030 Q1801		1
R 75	LM741J		2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U1812 (EFF TO REV L) (USED ON ITEM 1A)		1
R 75A	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U1812 (EFF REV L) (USED ON ITEM 1A)		1
R 75B	LM741J		2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U1812 (USED ON ITEM 1B)		1
76	RN55D3321F		2	RESISTOR, FIXED FILM, 3.32K, 1%, 1/8W (V81349) 705-1021-000 R1815		1
77	1N4625		2	SEMICONV DEVICE (V04713) 353-3591-490 VR1801		1
78	RN55D5111F		2	RESISTOR, FIXED FILM, 5.11K, 1%, 1/8W (V81349) 705-1030-000 R1820		1
79	RN55D3922F		2	RESISTOR, FIXED FILM, 39.20K, 1%, 1/8W (V81349) 705-3605-760 R1804		1
80	RN55D1182F		2	RESISTOR, FIXED FILM, 11.8K, 1%, 1/8W (V81349) 705-3605-510 R1816		1
81	RN55D1471F		2	RESISTOR, FIXED FILM, 1.47K, 1%, 1/8W (V81349) 705-1004-000 R1807		1
82	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1803		1
83	2N918		2	TRANSISTOR (V04713) 352-0440-000 Q1804		1
R 84	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R1821 (USED ON 1A)		1
R -84A	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 (USED ON 1B) (SUPSD BY 84B)		1
R -84B	828-6048-510		2	RESISTOR, FIXED, FILM, 475 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 84A)		1
R 85	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1823 (USED ON 1A)		1
R -85A	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 (USED ON 1B) (SUPSD BY 85B)		1
R -85B	828-6048-820		2	RESISTOR, FIXED, FILM, 5.62K, 1%, 1/4W (USED ON 1B) (SUPSDS 85A)		1
R 86	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1824 (USED ON 1A)		1
R -86A	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 (USED ON 1B) (SUPSD BY 86B)		1
R -86B	828-6048-590		2	RESISTOR, FIXED, FILM, 1K, 1%, 1/4W (USED ON 1B) (SUPSDS 86A)		1
R 87	11C90DM		2	MICROCIRCUIT (ESDS) (V07263) 351-1653-010 U1823		1
R 88	MC12514L		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-010 U1817 (USED ON 1A)		1
R -88A	MC12514L		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-010 (USED ON 1B) OR		1

- ITEM NOT ILLUSTRATED

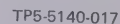
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	20-88B	12514BEAJC	2	MICROCIRCUIT (ESDS) (V04713) 351-7786-012 (USED ON 1B)		1
	89	SN54LS190J	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-010 U1822 (SUPSD BY ITEM 89A)		1
R	89A	DM54LS190J	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-010 U1822 (SUPSDS ITEM 89)		1
	90	SN54LS191J	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-020 U1816 (SUPSD BY ITEM 90A)		1
R	90A	DM54LS191J	2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-020 U1816 (SUPSDS ITEM 90)		1
R	91	CD4023UBF	2	MICROCIRCUIT (ESDS) (V02735) 351-8184-010 U1821		1
R	92	CD4049MJ	2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U1815 (SUPSD BY ITEM 92A)		1
	92A	CD4049UBF	2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U1815 (SUPSDS ITEM 92)		1
	93	280-2745-040	2	LABEL, ESDS WARNING (V12998)		1
R	95	RCR07G473KS	2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R1828 (USED ON 1B) (SUPSD BY 95A)		1
R	-95A	828-6050-220	2	RESISTOR, FIXED, FILM, 47.5K, 1%, 1/4W (USED ON 1B) (SUPSDS 95)		1
	97	NA1104-045	2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON ITEM 1B)		2

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



34-35-10 Page 402
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 21-1A	601-4319-001		1	CIRCUIT CARD, GLIDESLOPE SYNTHESIZER A19 (SEE FIG 4-48 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z	RF
R -1B	642-4219-001		1	CIRCUIT CARD, GLIDESLOPE SYNTHESIZER A19 (SEE FIG 4-48A AND 4A-21 FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,Z AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 2	RCR07G222KS		2	RESISTOR, FIXED CMPSN, 2.2K, 10%, 1/4W (V81349) 745-0761-000 R1914 (USED ON 1A)		1
R -2A	RCR07G222KS		2	RESISTOR, FIXED CMPSN, 2.2K, 10%, 1/4W (V81349) 745-0761-000 (USED ON 1B) (SUPSD BY 2B)		1
R -2B	828-6048-690		2	RESISTOR, FIXED, FILM, 2.21K, 1%, 1/4W (USED ON 1B) (SUPSDS 2A)		1
R 3	2N5179		2	TRANSISTOR (ESDS) (V04713) 352-0792-020 Q1903		1
R -3A	2N5179		2	TRANSISTOR (ESDS) (V27014) 352-0792-020		1
4	CK05BX681K		2	CAPACITOR, FIXED CER DIEL, 680PF, 10%, 200V (V81349) 913-4016-000 C1913		1
R 5	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R1913 (USED ON 1A)		1
R -5A	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 (USED ON 1B) (SUPSD BY 5B)		1
R -5B	828-6048-510		2	RESISTOR, FIXED, FILM, 475 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 5A)		1
6	CD5CC080D0		2	CAPACITOR, FXD MICA DIEL, 8PF, PORM 0.5PF, 300V (V93790) 912-4141-110 C1914 (SUPSD BY ITEM 6A)		1
6A	CD5CC050D0		2	CAPACITOR, FXD MICA DIEL, 5PF, PORM 0.5PF, 300V (V93790) 912-4141-010 C1914 (SUPSD BY ITEM 6B)		1
R 6B	913-1098-210		2	CAPACITOR, FIXED, CER, 4.7PF, PORM 0.25PF, 100V 913-1098-210 is REF No. for V51642 RPE110C0G4R7C100V C1914 (SUPSDS ITEMS 6 AND 6A)		1
R 7	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C1912		1
8	MS75085-07		2	COIL, RF, 100UH (V96906) 240-2047-000 L1901		1
9	M39003-01-2304		2	CAPACITOR, FIXED ELCTLT, 6.8UF, 10%, 35V (V81349) 184-9086-640 C1906		1
10	M39003-01-2307		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 35V (V81349) 184-9086-670 C1907		1
11	RN55D2491F		2	RESISTOR, FIXED FILM, 2.49K, 1%, 1/8W (V81349) 705-1015-000 R1905		1
12	RN55D1182F		2	RESISTOR, FIXED FILM, 11.8K, 1%, 1/8W (V81349) 705-3605-510 R1910		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 21 13	CK06BX273K		2	CAPACITOR, FIXED CER DIELE, 27000PF, 10%, 100VDC (V81349) 913-5019-370 C1930 (SUPSD BY ITEM 13A)		1
R 13A	CK06BX273K		2	CAPACITOR, FIXED CER DIELE, 27000PF, 10%, 100VDC (V81349) 913-5019-370 C1930 (SUPSDS ITEM 13)		1
R 14	1N4454		2	DIODE (V12969) 353-3644-010 CR1901 (SUPSD BY ITEM 14A)		1
14A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR1901 (SUPSDS ITEM 14)		1
15	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R1906		1
16	RN55D1541F		2	RESISTOR, FIXED FILM, 1.54K, 1%, 1/8W (V81349) 705-1005-000 R1907		1
17	2N2369A		2	TRANSISTOR (V14433) 352-0596-030 Q1901		1
R 18	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1908 (USED ON 1A)		1
R -18A	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 (USED ON 1B)		1
R -18B	828-6048-750		2	RESISTOR, FIXED, FILM, 3.32K, 1%, 1/4W (USED ON 1B) (SUPSDS 18A)		1
19	RN55D3922F		2	RESISTOR, FIXED FILM, 39.20K, 1%, 1/8W (V81349) 705-3605-760 R1909		1
20	2N2219A		2	TRANSISTOR (ESDS) (V49956) 352-0661-010 Q1902		1
R 20A	D306-03		2	INSULATOR, PREFORMED (V06090) 352-9524-000 (EFF REV LTR M)		1
21	1N4625		2	SEMICOND DEVICE (V04713) 353-3591-490 VR1901		1
22	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C1901 (EFF TO REV T)		1
22A	M39003-01-2283		2	CAPACITOR, FIXED ELCTLT, 2.2UF, 10%, 20V (V81349) 184-9086-430 C1901 (EFF REV T)		1
23	RN55D5111F		2	RESISTOR, FIXED FILM, 5.11K, 1%, 1/8W (V81349) 705-1030-000 R1901		1
R 24	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 R1902 (USED ON 1A)		1
R -24A	RCR07G562KS		2	RESISTOR, FIXED CMPSN, 5.6K, 10%, 1/4W (V81349) 745-0776-000 (USED ON 1B)		1
R -24B	828-6048-820		2	RESISTOR, FIXED, FILM, 5.62K, 1%, 1/4W (USED ON 1B) (SUPSDS 24A)		1
R 25	3386P1-102		2	RESISTOR, VAR 1000 OHMS, 10% (V80294) 382-0051-050 R1911		1
R 26	LM741J		2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U1901 (SUPSD BY 26B)		1
R 26A	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U1901 (SUPSD BY 26C)		1
R -26B	MC1741U		2	MICROCIRCUIT (ESDS) (V04713) 351-1261-010 (SUPSDS 26)		1
R -26C	LT1006MJ8		2	MICROCIRCUIT (ESDS) (V64155) 351-1261-020 (SUPSDS 26A)		1
R 27	CD4093BMJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8332-020 U1902		1
R 28	SN54LS00J		2	MICROCIRCUIT (ESDS) (V04713) 351-1523-010 U1907		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
21 29	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U1903 (SUPSD BY ITEM 29A)		1
29A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U1903 (SUPSDS ITEM 29)		1
R 30	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R1922 (USED ON 1A)		1
R -30A	RCR07G332KS		2	RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 (USED ON 1B) (SUPSD BY 30B)		1
R -30B	828-6048-750		2	RESISTOR, FIXED, FILM, 3.32K, 1%, 1/4W (USED ON 1B) (SUPSDS 30A)		1
R 31	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U1904		1
R 32	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 R1912 (USED ON 1A)		1
R -32A	RCR07G682KS		2	RESISTOR, FIXED CMPSN, 6.8K, 10%, 1/4W (V81349) 745-0779-000 (USED ON 1B) (SUPSD BY 32B)		1
R -32B	828-6048-840		2	RESISTOR, FIXED, FILM, 6.81K, 1%, 1/4W (USED ON 1B) (SUPSDS 32A)		1
33	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1904		1
34	SN54LS191J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-020 U1908 (SUPSD BY ITEM 34A)		1
R 34A	DM54LS191J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-020 U1908 (SUPSDS ITEM 34)		1
R 35	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U1905		1
36	M39003-01-2307		2	CAPACITOR, FIXED ELCTLT, 22UF, 20%, 35V (V81349) 184-9086-670 C1909		1
37	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1927		1
38	608-6430-018		2	POST		4
39	635-5703-002		2	SLEEVE		4
R 40	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U1906		1
41	372-2624-018		2	HOUSING, CONNECTOR ELEC (USED ON ITEM 1A)		2
41A	372-2334-100		2	CONNECTOR, ELEC (V00779) P1901A (USED ON ITEM 1B)		1
41B	372-2334-100		2	CONNECTOR, ELEC (V00779) P1901B (USED ON ITEM 1B)		1
42	372-2252-020		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEM 1A)		20
43	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1928		1
44	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1905		1
45	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1925		1
R 46	MS75101-1		2	COIL, RF 3.3UH (V96906) 240-1594-000 L1902		1
47	M39003-01-2275		2	CAPACITOR, FIXED ELCTLT, 68UF, 20%, 15V (V81349) 184-9086-350 C1910		1
R 48	RCR07G473JS		2	RESISTOR, FIXED CMPSN, 47K, 5%, 1/4W (V81349) 745-0808-000 R1903 (USED ON 1A)		1
R -48A	RCR07G473JS		2	RESISTOR, FIXED CMPSN, 47K, 5%, 1/4W (V81349) 745-0808-000 (USED ON 1B) (SUPSD BY 48B)		1
R -48B	828-6050-220		2	RESISTOR, FIXED, FILM, 47.5K, 1%, 1/4W (USED ON 1B) (SUPSDS 48A)		1
49	M39003-01-2254		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C1902		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 21 50	RCR07G473JS		2	RESISTOR, FIXED CMPSN, 47K, 5%, 1/4W (V81349) 745-0808-000 R1904 (USED ON 1A)		1
R -50A	RCR07G473JS		2	RESISTOR, FIXED CMPSN, 47K, 5%, 1/4W (V81349) 745-0808-000 (USED ON 1B) (SUPSD BY 50B)		1
R -50B	828-6050-220		2	RESISTOR, FIXED, FILM, 47.5K, 1%, 1/4W (USED ON 1B) (SUPSDS 50A)		1
51	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1908		1
52	84863		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-020 U1918 (SUPSD BY ITEM 52A)		1
R 52A	91177		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-020 U1918 (SUPSDS ITEM 52)		1
R 53	SN54LS190J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-010 U1912 (USED ON 1A)		1
R 53A	351-1660-010		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V01295) U1912 (USED ON 1B) (SUPSD BY 53B)		1
R 53B	DM54LS190J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-010 U1912 (USED ON 1B) (SUPSDS 53A)		1
54	SN54LS190J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V34335) 351-1527-010 U1916 (EFF TO REV K) (USED ON ITEM 1A)		1
R 54A	351-1660-010		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V01295) U1916 (EFF REV K) (USED ON ITEM 1A)		1
R 54B	DM54LS190J		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V27014) 351-1527-010 U1916 (USED ON ITEM 1B)		1
55	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1929		1
56	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1918		1
R 57	SN54S74J		2	INTEGRATED CIRCUIT FLIP-FLOP (V01295) 351-1656-010 U1911 (SUPSD BY ITEM 57A)		1
R 57A	SN54S74J		2	INTEGRATED CIRCUIT FLIP-FLOP (V01295) 351-1656-010 U1911 (SUPSDS ITEM 57)		1
58	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1917		1
R 59	RCR07G221KS		2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/4W (V81349) 745-0725-000 R1920 (USED ON 1A)		1
R -59A	RCR07G221KS		2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/4W (V81349) 745-0725-000 (USED ON 1B) (SUPSD BY 59B)		1
R -59B	828-6048-400		2	RESISTOR, FIXED, FILM, 221 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 59A)		1
R 60	RCR07G221KS		2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/4W (V81349) 745-0725-000 R1921 (USED ON 1A)		1
R -60A	RCR07G221KS		2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/4W (V81349) 745-0725-000 (USED ON 1B) (SUPSD BY 60B)		1
R -60B	828-6048-400		2	RESISTOR, FIXED, FILM, 221 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 60A)		1
61	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1924		1
R 62	MC12514L		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-010 U1910 (USED ON 1A)		1
R -62A	MC12514L		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-010 (USED ON 1B) OR		1
R -62B	12514BEAJC		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-012 (USED ON 1B)		1
63	CK05BX223K		2	CAPACITOR, FIXED CER DIE, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1923		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
21 64	CD5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V93790) 912-4141-430 C1921 (SUPSD BY ITEM 64A)		1
R 64A	913-1098-510		2	CAPACITOR, FIXED CER DIEL, 180PF, 5%, 100VDC 913-1098-510 is REF No. for V72982 RPE111C0G181J100V C1921 (SUPSDS ITEM 64)		1
65	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C1922		1
R 66	11C90DM		2	MICROCIRCUIT (ESDS) (V07263) 351-1653-010 U1915		1
67	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1916		1
68	CK05BX223K		2	CAPACITOR, FIXED CER DIEL, 22000PF, 10%, 50VDC (V81349) 913-5019-240 C1920		1
69	CD5CC150D0		2	CAPACITOR, FXD MICA DIEL, 15PF, PORM 0.5PF, 300V (V93790) 912-4141-130 C1915 (SUPSD BY ITEM 69A)		1
69A	CD5CC050D0		2	CAPACITOR, FXD MICA DIEL, 5PF, PORM 0.5PF, 300V (V93790) 912-4141-010 C1915 (SUPSD BY ITEM 69B)		1
R 69B	913-1098-210		2	CAPACITOR, FIXED, CER, 4.7PF, PORM 0.25PF, 100V 913-1098-210 is REF No. for V51642 RPE110C0G4R7C100V C1915 (SUPSDS ITEMS 69 AND 69A)		1
R 70	MS14046-5		2	COIL, RF 12UH (V96906) 240-1581-000 L1904		1
R 71	RCR07G222KS		2	RESISTOR, FIXED CMPSN, 2.2K, 10%, 1/4W (V81349) 745-0761-000 R1919 (USED ON 1A)		1
R -71A	RCR07G222KS		2	RESISTOR, FIXED CMPSN, 2.2K, 10%, 1/4W (V81349) 745-0761-000 (USED ON 1B) (SUPSD BY 71B)		1
R -71B	828-6048-690		2	RESISTOR, FIXED, FILM, 2.21K, 1%, 1/4W (USED ON 1B) (SUPSDS 71A)		1
72	CD5FY181J0		2	CAPACITOR, FXD MICA DIEL, 180PF, 5%, 50V (V93790) 912-4141-430 C1919 (SUPSD BY ITEM 72A)		1
R 72A	913-1098-510		2	CAPACITOR, FIXED CER DIEL, 180PF, 5%, 100VDC 913-1098-510 is REF No. for V72982 RPE111C0G181J100V C1919 (SUPSDS ITEM 72)		1
R 73	BP3132-3		2	COIL, RADIO FREQUENCY 33NH (V99800) 240-0957-030 L1903		1
74	MS75083-03		2	COIL, RF, 0.15UH (V96906) 240-2013-000 L1905		1
R 75	RCR07G151KS		2	RESISTOR, FIXED CMPSN, 150 OHMS, 10%, 1/4W (V81349) 745-0719-000 R1917 (USED ON 1A)		1
R -75A	RCR07G151KS		2	RESISTOR, FIXED CMPSN, 150 OHMS, 10%, 1/4W (V81349) 745-0719-000 (USED ON 1B) (SUPSD BY 75B)		1
R -75B	828-6048-340		2	RESISTOR, FIXED, FILM, 150 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 75A)		1
76	RCR07G390KS		2	RESISTOR, FIXED CMPSN, 39 OHMS, 10%, 1/4W (V81349) 745-0698-000 R1916 (SUPSD BY ITEM 76A)		1
76A	642-6190-001		2	RESISTOR, TEST SELECT R1916 (SUPSDS ITEM 76)		1
-76B	RCR07G100KS		3	RESISTOR, FIXED CMPSN, 10 OHMS, 10%, 1/4W (V81349) 745-0677-000		AR
-76C	RCR07G120KS		3	RESISTOR, FIXED CMPSN, 12 OHMS, 10%, 1/4W (V81349) 745-0680-000		AR
-76D	RCR07G150KS		3	RESISTOR, FIXED CMPSN, 15 OHMS, 10%, 1/4W (V81349) 745-0683-000		AR

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
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51RV-4/4()5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

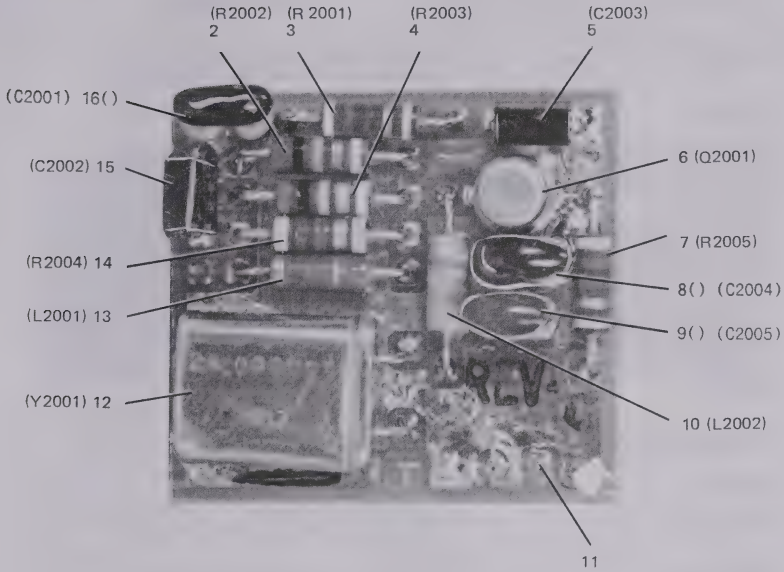
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DE NT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
21-76E	RCR07G180KS		3	RESISTOR, FIXED CMPSN, 18 OHMS, 10%, 1/4W (V81349) 745-0686-000		AR
-76F	RCR07G220KS		3	RESISTOR, FIXED CMPSN, 22 OHMS, 10%, 1/4W (V81349) 745-0689-000		AR
-76G	RCR07G270KS		3	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/4W (V81349) 745-0692-000		AR
-76H	RCR07G330KS		3	RESISTOR, FIXED CMPSN, 33 OHMS, 10%, 1/4W (V81349) 745-0695-000		AR
-76J	RCR07G390KS		3	RESISTOR, FIXED CMPSN, 39 OHMS, 10%, 1/4W (V81349) 745-0698-000		AR
-76K	RCR07G470KS		3	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000		AR
-76L	RCR07G560KS		3	RESISTOR, FIXED CMPSN, 56 OHMS, 10%, 1/4W (V81349) 745-0704-000		AR
-76M	RCR07G680KS		3	RESISTOR, FIXED CMPSN, 68 OHMS, 10%, 1/4W (V81349) 745-0707-000		AR
R 77	RCR07G151KS		2	RESISTOR, FIXED CMPSN, 150 OHMS, 10%, 1/4W (V81349) 745-0719-000 R1915 (USED ON 1A)		1
R -77A	RCR07G151KS		2	RESISTOR, FIXED CMPSN, 150 OHMS, 10%, 1/4W (V81349) 745-0719-000 (USED ON 1B) (SUPSD BY 77B)		1
R -77B	828-6048-340		2	RESISTOR, FIXED, FILM, 150 OHMS, 1%, 1/4W (USED ON 1B) (SUPSDS 77A)		1
-78	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045 (USED ON ITEM 1A)		2
79	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5213-017

Glideslope Second Inject Circuit Card Assembly A20
Figure 22

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 22-1	601-4520-001		1	CIRCUIT CARD, GLIDESLOPE 2ND INJ A20 (SEE FIG 4-83 AND 4B-119 FOR NHA)		RF
R 2	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2002 (SUPSD BY 2A)		1
R -2A	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (SUPSDS 2)		1
R 3	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2001 (SUPSD BY 3A)		1
R -3A	828-6048-790		2	RESISTOR, FIXED, FILM, 4.64K, 1%, 1/4W (SUPSDS 3)		1
R 4	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2003 (SUPSD BY 4A)		1
R -4A	828-6050-010		2	RESISTOR, FIXED, FILM, 10K, 1%, 1/4W (SUPSDS 4)		1
R 5	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2003		1
6	2N918		2	TRANSISTOR (V04713) 352-0440-000 Q2001		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

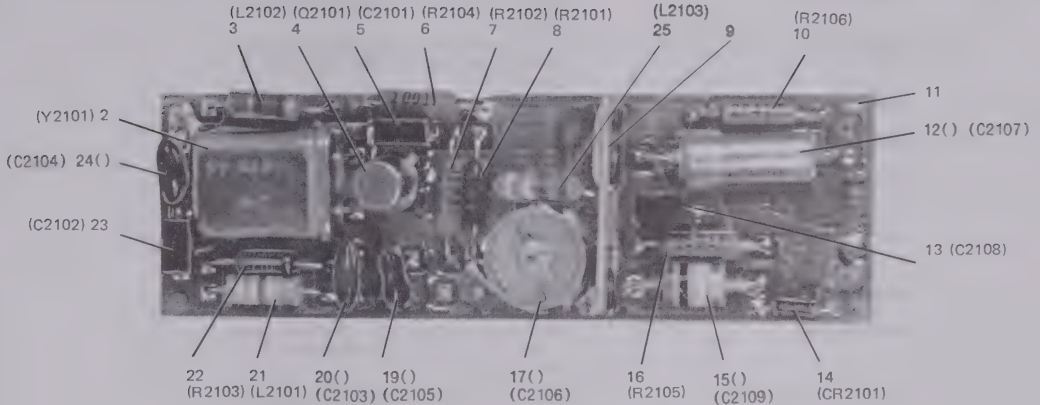
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IND T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 22 7	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2005 (SUPSD BY 7A)		1
R -7A	828-6048-790		2	RESISTOR, FIXED, FILM, 4.64K, 1%, 1/4W (SUPSDS 7)		1
8	CD5EY560J0		2	CAPACITOR, FXD MICA DIEL, 56PF, 5%, 50V (V93790) 912-4141-310 C2004 (SUPSD BY ITEM 8A)		1
R 8A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C2004 (SUPSDS ITEM 8)		1
9	CD5EY560J0		2	CAPACITOR, FXD MICA DIEL, 56PF, 5%, 50V (V93790) 912-4141-310 C2005 (SUPSD BY ITEM 9A)		1
R 9A	CCR05CG560JM		2	CAPACITOR, FIXED CER DIEL, 56PF, 5%, 200VDC (V04222) 913-3319-440 C2005 (SUPSDS ITEM 9)		1
10	MS75084-05		2	COIL, RF, 2.70UH (V96906) 240-2028-000 L2002		1
R 11	NA1103-161		2	CONTACT, ELECTRICAL (V57863) 372-2601-161		3
R 12	289-7128-060M2		2	CRYSTAL, QUARTZ 20MHZ (V75378) 289-7128-060 Y2001		1
13	MS75084-06		2	COIL, RF, 3.30UH (V96906) 240-2029-000 L2001		1
R 14	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R2004 (SUPSD BY 14A)		1
R -14A	828-6048-510		2	RESISTOR, FIXED, FILM, 475 OHMS, 1%, 1/4W (SUPSDS 14)		1
15	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2002		1
16	CD5FY221J0		2	CAPACITOR, FXD MICA DIEL, 220PF, 5%, 50V (V93790) 912-4141-450 C2001 (SUPSD BY ITEM 16A)		1
R 16A	DR20CB221J		2	CAPACITOR, FIXED CER DIEL, 220PF, 5%, 100VDC (V93958) 913-3117-060 C2001 (SUPSDS ITEM 16)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP5-5211-017

Glideslope Self-Test Oscillator Circuit Card Assembly A21
Figure 23

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 23-1	601-4521-001		1	CIRCUIT CARD, GLIDESLOPE SELF-TEST OSC A21 (SEE FIG 4-11 AND 4B-83 FOR NHA)		RF
2	289-7193-060M20		2	CRYSTAL UNIT,QTZ 55.858000MHZ (V00136) 289-7193-060 Y2101		1
3	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 L2102		1
4	2N918		2	TRANSISTOR (V04713) 352-0440-000 Q2101		1
R 5	CK05BX103K		2	CAPACITOR, FIXED CER DIEL, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2101		1
6	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R2104		1
7	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2102		1
8	RN55D6811F		2	RESISTOR, FIXED FILM, 6.81K, 1%, 1/8W (V81349) 705-1036-000 R2101		1
9	635-5574-001		2	SHIELD		1
R 10	RN55D2741F		2	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 R2106 (SUPSD BY 10A)		1
R -10A	RN55D4751F		2	RESISTOR, FIXED FILM, 4.75K, 1%, 1/8W (V81349) 705-3605-320 (SUPSDS 10)		1
11	NA1104-137		2	CONTACT, ELECTRICAL (V57863) 372-2601-137		7

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
23 12	M39003-01-2246		2	CAPACITOR, FIXED ELCTLT, 56UF, 10%, 6V (V81349) 184-9086-060 C2107 SB 8 (EFF TO REV LTR F)		1
12A	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2107 SB 8 (EFF REV F)		1
R 13	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C2108		1
14	1N5767		2	SEMICONDUCTOR DEVIC DIODE (V28480) 922-6119-010 CR2101		1
R 15	QC2-0UUF5PCT		2	CAPACITOR, FXD CER DIEL, 2PF, 5%, 500V (V95121) 913-2984-000 C2109 (SUPSD BY ITEM 15A)		1
R 15A	QC2-0PF5PCT		2	CAPACITOR, FXD CER DIEL, 2PF, 5%, 500V (V95121) 913-2984-000 C2109 (SUPSDS ITEM 15)		1
16	RN55D9531F		2	RESISTOR, FIXED FILM, 9.53K, 1%, 1/8W (V81349) 705-1043-000 R2105		1
R 17	538011E2P094R		2	CAPACITOR, VAR CER DIEL, 9 TO 35PF, 200V (V72982) 917-1225-000 C2106 (SUPSD BY ITEM 17A)		1
R 17A	538011C0P092R		2	CAPACITOR, VAR CER DIEL, 5.5 TO 18PF, 350V (V72982) 917-1222-000 C2106 (SUPSD BY ITEM 17B)		1
R 17B	538-080A5-5-18		2	CAPACITOR, VAR CER DIEL, 5.5 TO 18PF, 350V (V59660) 917-1222-000 C2106 (SUPSDS ITEMS 17 AND 17A)		1
19	CD5CC030D0		2	CAPACITOR, FXD MICA DIEL, 3PF, PORM 0.5PF, 300V (V93790) 912-4141-070 C2105 (SUPSD BY ITEM 19A)		1
19A	913-1098-110		2	CAPACITOR, FIXED, CER, 3.0PF, PORM 0.5PF, 75V 913-1098-110 is REF No. for V72982 RPE110C0G030D100V C2105 (SUPSDS ITEM 19)		1
20	CD5CC100D0		2	CAPACITOR, FIXED MICA DIEL, 10PF, PORM 0.5PF, 300V (V93790) 912-4141-020 C2103 (SUPSD BY ITEM 20A)		1
R 20A	913-1098-010		2	CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V C2103 (SUPSD BY 20B)		1
R -20B	659-8729-001		2	CAPACITOR, TEST SELECT (SUPSDS 20A)		1
R -20C	913-1098-010		3	CAPACITOR, FIXED, CER, 10PF, 5%, 100V 913-1098-010 is REF No. for V72982 RPE110C0G100J100V		AR
R -20D	913-1098-080		3	CAPACITOR, FIXED, CER, 12PF, 10%, 100V 913-1098-080 is REF No. for V72982 RPE110C0G120K100V		AR
21	MS75083-10		2	COIL, RF, 0.56UH (V96906) 240-2020-000 L2101		1
22	RN55D2211F		2	RESISTOR, FIXED FILM, 2.21K, 1%, 1/8W (V81349) 705-3605-160 R2103		1
R 23	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C2102		1
24	CD5EY430J0		2	CAPACITOR, FXD MICA DIEL, 43PF, 5%, 50V (V93790) 912-4141-260 C2104 (SUPSD BY ITEM 24A)		1
R 24A	CCR05CG470JM		2	CAPACITOR, FIXED CER DIEL, 47PF, 5%, 200VDC (V04222) 913-3319-420 C2104 (SUPSDS ITEM 24)		1
R 25	BP3132-3		2	COIL, RADIO FREQUENCY 33NH (V99800) 240-0957-030 L2103 (ADDED)		1

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



34-35-10 Page 414
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDU- STRY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24-1	638-7622-001			1 CIRCUIT CARD ASSY, SERIAL TUNE A22 (SEE FIG 1-19 FOR NHA)	Q	RF
2	RCR07G332KS			2 RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R2223 (EFF TO REV LTR C)		1
2A	RN55D4641F			2 RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000 R2223 (EFF REV C)		1
R 3	1N4454			2 DIODE (V12969) 353-3644-010 CR2208 (SUPSD BY ITEM 3A)		1
3A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR2208 (SUPSDS ITEM 3)		1
4	RCR07G332KS			2 RESISTOR, FIXED CMPSN, 3.3K, 10%, 1/4W (V81349) 745-0767-000 R2204 (EFF TO REV LTR C)		1
4A	RN55D4641F			2 RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000 R2204 (EFF REV C)		1
5	RCR07G104KS			2 RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2234		1
6	RCR07G105KS			2 RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2215		1
R 7	1N4454			2 DIODE (V12969) 353-3644-010 CR2211 (SUPSD BY ITEM 7A)		1
7A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR2211 (SUPSDS ITEM 7)		1
8	RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2216		1
9	RCR07G104KS			2 RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2217		1
10	RCR07G823KS			2 RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2218		1
11	RCR07G105KS			2 RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2222		1
11A	RN55D1212F			2 RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R2238 (EFF REV LTR C)		1
12	RCR07G103KS			2 RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2221		1
13	RCR07G104KS			2 RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2219		1
14	CK05BX104K			2 CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2209		1
15	RCR07G823KS			2 RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2220		1
16	M39003-01-2271			2 CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2208		1
17	MC14094BAL			2 INTEGRATED CIRCUIT REGISTER (ESDS) (V04713) 351-8346-030 U2206 (SUPSD BY ITEM 17A)		1
17A	CD4094BF			2 INTEGRATED CIRCUIT REGISTER (ESDS) (V02735) 351-8346-030 U2206 (SUPSDS ITEM 17)		1
R 18	1N4454			2 DIODE (V12969) 353-3644-010 CR2205 (SUPSD BY ITEM 18A)		1
18A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR2205 (SUPSDS ITEM 18)		1
19	M39003-01-2271			2 CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2206		1
R 20	1N4454			2 DIODE (V12969) 353-3644-010 CR2206 (SUPSD BY ITEM 20A)		1
20A	1N4454-1			2 DIODE (V12969) 353-3644-010 CR2206 (SUPSDS ITEM 20)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- STOCK	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24 21	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2207		1
22	MC14094BAL		2	INTEGRATED CIRCUIT REGISTER (ESDS) (V04713) 351-8346-030 U2205 (SUPSD BY ITEM 22A)		1
22A	CD4094BF		2	INTEGRATED CIRCUIT REGISTER (ESDS) (V02735) 351-8346-030 U2205 (SUPSDS ITEM 22)		1
23	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2233		1
24	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2213		1
25	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2214		1
R 26	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J2202		1
27	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2206		1
28	4020BPC		2	INTEGRATED CIRCUIT DGTL MOS (ESDS) (V07263) 351-8159-090 U2207 (SUPSD BY ITEM 28A)		1
R 28A	SCL4020BE		2	INTEGRATED CIRCUIT DGTL MOS (ESDS) (V31019) 351-8159-090 U2207 (SUPSDS ITEM 28)		1
29	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R2210		1
30	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2211		1
31	F4049BPC		2	INTEGRATED CIRCUIT DGTL MOS (ESDS) (V07263) 351-8159-210 U2202 (SUPSD BY ITEM 31A)		1
R 31A	SCL4049UBE		2	INTEGRATED CIRCUIT DGTL MOS (ESDS) (V31019) 351-8159-210 U2202 (SUPSDS ITEM 31)		1
32	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2226		1
R 33	1N4454		2	DIODE (V12969) 353-3644-010 CR2203 (SUPSD BY ITEM 33A)		1
33A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2203 (SUPSDS ITEM 33)		1
R 34	1N4454		2	DIODE (V12969) 353-3644-010 CR2202 (SUPSD BY ITEM 34A)		1
34A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2202 (SUPSDS ITEM 34)		1
35	1N4625		2	SEMICONV DEVICE (V04713) 353-3591-490 VR2209 (EFF TO REV LTR G)		1
36	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2227		1
37	RCR20G221KS		2	RESISTOR, FIXED CMPSN, 220 OHMS, 10%, 1/2W (V81349) 745-1324-000 R2228 (EFF TO REV LTR G)		1
38	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2213		1
39	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2212		1
R 40	641-0289-001		2	MICROCIRCUIT PROM U2204 (SUPSD BY ITEM 40A)		1
R 40A	641-0289-002		2	MICROCIRCUIT PROM U2204 (SUPSDS ITEM 40)		1
R -40B	AM27S31BJA		3	INTEGRATED CIRCUIT PROM (V34335) 351-8436-030		1
R 41	TSW3800-24BW		2	SOCKET, IC (V23880) 220-0075-050 XU2204 EFF TO SB 18		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E X	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24 42	RCR07G823KS		2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2208		1
R 43	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J2201		1
44	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSD BY ITEM 44A)		1
R 44A	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSDS ITEM 44)		1
R 45	TSW3800-40BW		2	SOCKET, IC (V23880) 220-0075-070 XU2203 EFF TO SB 18		1
46	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2207		1
47	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2235		1
48	1N4104		2	DIODE (V04713) 353-3591-060 VR2210		1
49	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R2230		1
50	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2211		1
51	RCR07G106KS		2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R2229		1
52	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2231		1
53	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2210		1
53A	RN55D1212F		2	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R2237 (EFF REV LTR C)		1
54	RCR07G105KS		2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2203		1
55	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2201		1
56	290-9606-000M21		2	CRYSTAL UNIT, QTZ 3.200000MHZ (V00136) 290-9606-000 Y2201		1
R 57	1N4454		2	DIODE (V12969) 353-3644-010 CR2201 (SUPSD BY ITEM 57A)		1
57A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2201 (SUPSDS ITEM 57)		1
58	RCR07G823KS		2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2205		1
59	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2236		1
60	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2202		1
R 61	1N4454		2	DIODE (V12969) 353-3644-010 CR2214 (SUPSD BY ITEM 61A)		1
61A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2214 (SUPSDS ITEM 61)		1
R 62	1N4454		2	DIODE (V12969) 353-3644-010 CR2204 (SUPSD BY ITEM 62A)		1
62A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2204 (SUPSDS ITEM 62)		1
R 63	LM139J		2	MICROCIRCUIT, LINEAR (ESDS) (V04713) 351-1122-030 U2201		1
64	RCR07G105KS		2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2212		1
65	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2209		1
R 66	1N4454		2	DIODE (V12969) 353-3644-010 CR2213 (SUPSD BY ITEM 66A)		1
66A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2213 (SUPSDS ITEM 66)		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 24 67	1N4454		2	DIODE (V12969) 353-3644-010 CR2207 (SUPSD BY ITEM 67A)		1
67A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2207 (SUPSDS ITEM 67)		1
R 68	1N4454		2	DIODE (V12969) 353-3644-010 CR2212 (SUPSD BY ITEM 68A)		1
68A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2212 (SUPSDS ITEM 68)		1
69	629-6561-013		2	SCREW		3
-70	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		3
R -71	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 71A)		3
R -71A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 71)		3
72	608-6430-003		2	POST		3
73	629-6561-013		2	SCREW		1
-74	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		1
R -75	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 75A)		1
R -75A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 75)		1
76	635-5715-001		2	POST		1
77	372-2252-020		2	CONTACT,ELECTRICAL (V57863)		36
78	372-2624-027		2	HOUSING,CONNECTOR ELEC P2201		1
79	372-2601-033		2	CONTACT, ELECTRICAL (V13499)		14
80	280-2745-040		2	LABEL, ESDS WARNING (V12998) (ADDED BY REVISION)		1

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



34-35-10 Page 420
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24A-1	638-7622-002		1	CIRCUIT CARD ASSY, SERIAL TUNE A22 (SEE FIG 1-19A FOR NHA)	Q	RF
	2	RN55D4641F	2	RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000 R2223		1
R	3	1N4454	2	DIODE (V12969) 353-3644-010 CR2208 (SUPSD BY ITEM 3A)		1
	3A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2208 (SUPSDS ITEM 3)		1
	4	RN55D4641F	2	RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000 R2204		1
	5	RCR07G105KS	2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2215		1
	6	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2216		1
	7	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2217		1
	8	RCR05G104KS	2	RESISTOR, FIXED CMPSN, 100K, 10%, 1/8W (V81349) 745-2413-000 R2234		1
	9	RCR05G104KS	2	RESISTOR, FIXED CMPSN, 100K, 10%, 1/8W (V81349) 745-2413-000 R2233		1
	10	RCR07G823KS	2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2218		1
	11	RCR07G105KS	2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/4W (V81349) 745-0857-000 R2222		1
	12	RCR07G103KS	2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2221		1
	13	RCR07G104KS	2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2219		1
	14	RCR07G823KS	2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/4W (V81349) 745-0818-000 R2220		1
	15	CK05BX104K	2	CAPACITOR, FIXED CER DIEI, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2209		1
	16	CK05BX104K	2	CAPACITOR, FIXED CER DIEI, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2210		1
	17	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2208		1
	18	MC14094BAL	2	INTEGRATED CIRCUIT REGISTER (ESDS) (V04713) 351-8346-030 U2206 (SUPSD BY ITEM 18A)		1
	18A	CD4094BF	2	INTEGRATED CIRCUIT REGISTER (ESDS) (V02735) 351-8346-030 U2206 (SUPSDS ITEM 18)		1
R	19	1N4454	2	DIODE (V12969) 353-3644-010 CR2205 (SUPSD BY ITEM 19A)		1
	19A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2205 (SUPSDS ITEM 19)		1
R	20	1N4454	2	DIODE (V12969) 353-3644-010 CR2206 (SUPSD BY ITEM 20A)		1
	20A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2206 (SUPSDS ITEM 20)		1
	21	M39003-01-2271	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2206		1
	22	MC14094BAL	2	INTEGRATED CIRCUIT REGISTER (ESDS) (V04713) 351-8346-030 U2205 (SUPSD BY ITEM 22A)		1
	22A	CD4094BF	2	INTEGRATED CIRCUIT REGISTER (ESDS) (V02735) 351-8346-030 U2205 (SUPSDS ITEM 22)		1
	23	CK05BX104K	2	CAPACITOR, FIXED CER DIEI, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2207		1
	24	RN55D1212F	2	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R2238		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24A 25	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2213		1
26	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2214		1
R 27	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J2202		1
28	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2206		1
29	4020BPC		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V07263) 351-8159-090 U2207 (SUPSD BY ITEM 29A)		1
R 29A	SCL4020BE		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V31019) 351-8159-090 U2207 (SUPSDS ITEM 29)		1
30	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R2210		1
31	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2211		1
32	F4049BPC		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V07263) 351-8159-210 U2202 (SUPSD BY ITEM 32A)		1
R 32A	SCL4049UBE		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V31019) 351-8159-210 U2202 (SUPSDS ITEM 32)		1
33	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2226		1
R 34	1N4454		2	DIODE (V12969) 353-3644-010 CR2203 (SUPSD BY ITEM 34A)		1
34A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2203 (SUPSDS ITEM 34)		1
R 35	1N4454		2	DIODE (V12969) 353-3644-010 CR2202 (SUPSD BY ITEM 35A)		1
35A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2202 (SUPSDS ITEM 35)		1
36	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2227		1
37	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2213		1
38	641-0289-001		2	MICROCIRCUIT PROM U2204 (SUPSD BY ITEM 38A)		1
38A	641-0289-002		2	MICROCIRCUIT PROM U2204 (SUPSDS ITEM 38)		1
R 39	TSW3800-24BW		2	SOCKET, IC (V23880) 220-0075-050 XU2204 EFF TO SB 18		1
40	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2212		1
41	RCR05G823KS		2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/8W (V81349) 745-2410-000 R2208		1
R 42	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J2201		1
43	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSD BY ITEM 43A)		1
R 43A	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSDS ITEM 43)		1
44	TSW3800-40BW		2	SOCKET, IC (V23880) 220-0075-070 XU2203 (EFF TO SB 18)		1
45	RN55D1212F		2	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R2237		1
46	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R2207		1
47	1N4104		2	DIODE (V04713) 353-3591-060 VR2210		1
48	RCR05G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/8W (V81349) 745-2304-000 R2230		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24A 49	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C2211		1
50	RCR07G106KS		2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R2229		1
51	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2231		1
52	RCR05G105KS		2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/8W (V81349) 745-2449-000 R2203		1
53	RCR05G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/8W (V81349) 745-2377-000 R2201		1
R 54	1N4454		2	DIODE (V12969) 353-3644-010 CR2201 (SUPSD BY ITEM 54A)		1
54A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2201 (SUPSDS ITEM 54)		1
55	RCR05G823KS		2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/8W (V81349) 745-2410-000 R2205		1
56	RCR05G104KS		2	RESISTOR, FIXED CMPSN, 100K, 10%, 1/8W (V81349) 745-2413-000 R2202		1
57	290-9606-000M21		2	CRYSTAL UNIT, QTZ 3.200000MHZ (V00136) 290-9606-000 Y2201		1
R 58	1N4454		2	DIODE (V12969) 353-3644-010 CR2204 (SUPSD BY ITEM 58A)		1
58A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2204 (SUPSDS ITEM 58)		1
R 59	1N4454		2	DIODE (V12969) 353-3644-010 CR2213 (SUPSD BY ITEM 59A)		1
59A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2213 (SUPSDS ITEM 59)		1
R 60	1N4454		2	DIODE (V12969) 353-3644-010 CR2214 (SUPSD BY ITEM 60A)		1
60A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2214 (SUPSDS ITEM 60)		1
61	RCR05G104KS		2	RESISTOR, FIXED CMPSN, 100K, 10%, 1/8W (V81349) 745-2413-000 R2236		1
62	RCR05G104KS		2	RESISTOR, FIXED CMPSN, 100K, 10%, 1/8W (V81349) 745-2413-000 R2235		1
R 63	LM139J		2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U2201		1
64	RCR05G105KS		2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/8W (V81349) 745-2449-000 R2212		1
65	RCR05G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/8W (V81349) 745-2377-000 R2209		1
R 66	1N4454		2	DIODE (V12969) 353-3644-010 CR2212 (SUPSD BY ITEM 66A)		1
66A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2212 (SUPSDS ITEM 66)		1
R 67	1N4454		2	DIODE (V12969) 353-3644-010 CR2211 (SUPSD BY ITEM 67A)		1
67A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2211 (SUPSDS ITEM 67)		1
R 68	1N4454		2	DIODE (V12969) 353-3644-010 CR2207 (SUPSD BY ITEM 68A)		1
68A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2207 (SUPSDS ITEM 68)		1
69	629-6561-013		2	SCREW		3
-70	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		3
R -71	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 71A)		3
R -71A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 71)		3

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

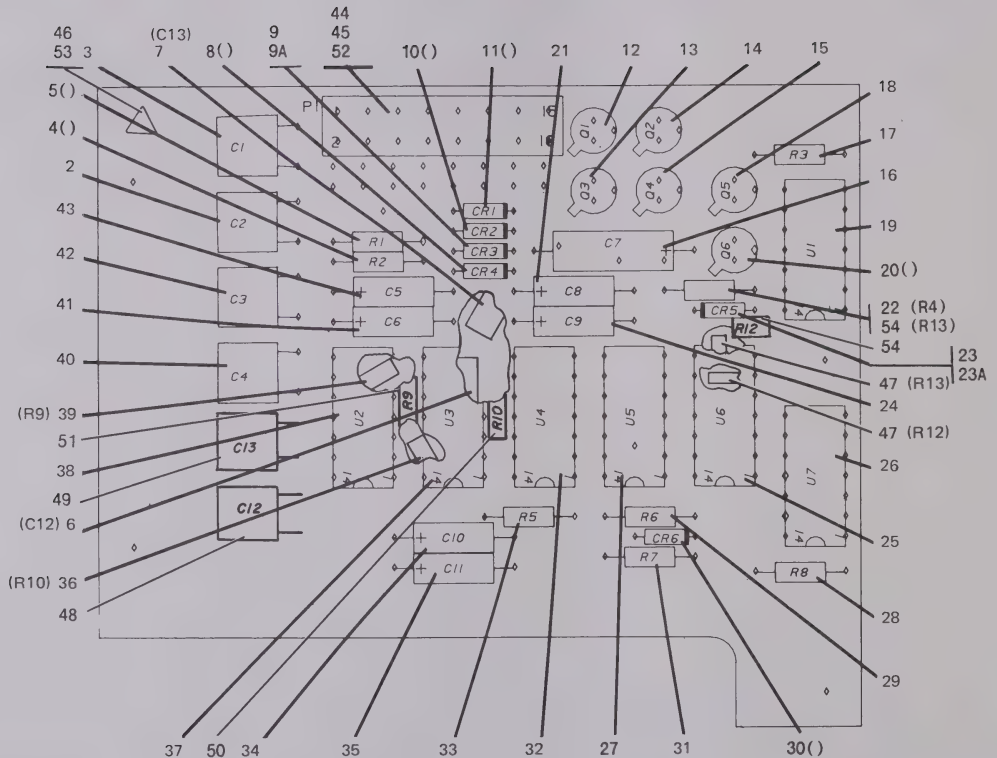
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
24A 72	608-6430-003		2	POST		3
73	629-6561-013		2	SCREW		1
-74	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000 (AP)		1
R -75	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (AP) (SUPSD BY ITEM 75A)		1
R -75A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (AP) (SUPSDS ITEM 75)		1
76	635-5715-001		2	POST		1
77	372-2252-020		2	CONTACT, ELECTRICAL (V57863)		36
78	372-2624-027		2	HOUSING, CONNECTOR ELEC P2201		1
79	280-2745-040		2	LABEL, ESDS WARNING (V12998) (ADDED BY REVISION)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



TP6-8263-019

Circuit Card Assembly A25
 Figure 25

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5(5) VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5(5) VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 427, 34-35-10

Subject: Detailed Parts List

Add effect codes to item 1B as shown:

-1B 642-4225-002

1 CIRCUIT CARD ASSY (ESDS) A25 (SEE FIG
26-74C & 31-177 FOR NHA)

RF
A,B,C,D
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,Y,Z
AA,AB,AC
AD,AE,AF
AG,AH,AJ
AK,AL,AM
AN,AP,AQ
AR,AS,AT
AU,AV,AW
AX,AY,AZ

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R	25-1A	642-0571-002	1	CIRCUIT CARD ASSY A25 (SEE FIG 5-17A AND 26-74B)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	RF
R	-1B	642-4225-002	1	CIRCUIT CARD ASSY (ESDS) A25 (SEE FIG 26-74C & 31-177 FOR NHA)		RF
R	2	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C2		1
R	3	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C1		1
	4	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2 (EFF TO REV H)		1
	4A	RN55D7152F	2	RESISTOR, FIXED FILM, 71.5K, 1%, 1/8W (V81349) 705-1085-000 R2 (EFF REV H)		1
	5	RN55D1002F	2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R1 (EFF TO REV H)		1
	5A	RN55D7152F	2	RESISTOR, FIXED FILM, 71.5K, 1%, 1/8W (V81349) 705-1085-000 R1 (EFF REV H)		1
R	6	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C12 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
R	7	CK06BX104K	2	CAPACITOR, FIXED CER DIEL, 100000PF, 10% 100VDC (V81349) 913-5019-440 C13 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
R	8	1N4454	2	DIODE (V12969) 353-3644-010 CR4 (SUPSD BY ITEM 8A)		1
	8A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR4 (SUPSDS ITEM 8)		1
R	9	1N4454	2	DIODE (V12969) 353-3644-010 CR3 (SUPSD BY ITEM 9A)		1
	9A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR3 (SUPSDS ITEM 9)		1
R	10	1N4454	2	DIODE (V12969) 353-3644-010 CR2 (SUPSD BY ITEM 10A)		1
	10A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR2 (SUPSDS ITEM 10)		1
R	11	1N4454	2	DIODE (V12969) 353-3644-010 CR1 (SUPSD BY ITEM 11A)		1
	11A	1N4454-1	2	DIODE (V12969) 353-3644-010 CR1 (SUPSDS ITEM 11)		1
	12	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q1		1
	13	2N2222A	2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q3		1
	14	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q2		1
	15	2N2222A	2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q4		1
	16	M39003-01-2356	2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C7		1
	17	RN55D1001F	2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R3		1
	18	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q5		1
R	19	CD4081BF	2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U1		1
	20	2N2907A	2	TRANSISTOR (V04713) 352-0551-010 Q6 (EFF TO REV H)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
25 20A	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q6 (EFF REV H)		1
21	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C8		1
22	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R4 (EFF TO REV G)		1
R 23	1N4454		2	DIODE (V12969) 353-3644-010 CR5 (SUPSD BY ITEM 23A)		1
23A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR5 (SUPSDS ITEM 23)		1
24	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C9		1
25	314B104		2	RESISTOR NETWORK DUAL-IN-LINE, 100K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-180 U6		1
R 26	LM139J		2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U7		1
27	314B103		2	RESISTOR NETWORK DUAL-IN-LINE, 10K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-090 U5		1
28	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R8		1
29	RN55D2102F		2	RESISTOR, FIXED FILM, 21K, 1%, 1/8W (V81349) 705-3605-630 R6		1
R 30	1N4454		2	DIODE (V12969) 353-3644-010 CR6 (SUPSD BY ITEM 30A)		1
30A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR6 (SUPSDS ITEM 30)		1
31	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R7		1
R 32	MC14070BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8407-020 U4		1
33	RN55D2612F		2	RESISTOR, FIXED FILM, 26.1K, 1%, 1/8W (V81349) 705-1064-000 R5		1
34	M39003-01-2320		2	CAPACITOR, FIXED ELCTLT, 0.01UF, 10%, 50V (V81349) 184-9087-070 C10		1
35	M39003-01-2320		2	CAPACITOR, FIXED ELCTLT, 0.01UF, 10%, 50V (V81349) 184-9087-070 C11		1
36	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R10 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
37	314B104		2	RESISTOR NETWORK DUAL-IN-LINE, 100K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-180 U3		1
R 38	LM139J		2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U2		1
39	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R9 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
R 40	CK06BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10% 100VDC (V81349) 913-5019-440 C4		1
41	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C6		1
R 42	CK06BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10% 100VDC (V81349) 913-5019-440 C3		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
25 43	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C5		1
R 44	372-2624-017		2	HOUSING, CONNECTOR ELEC P1 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
R 45	372-2252-010		2	CONTACT, ELECTRICAL (V57863) (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	16
R 46	280-2745-010		2	LABEL, ESDS WARNING (V12998) (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	1
R 47	RCR05G103JS		2	RESISTOR, FIXED CMPSN, 10K, 5%, 1/8W (V81349) 745-1863-730 R12 R13 (USED ON ITEM 1A)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,Y,AY	2
R 48	CK06BX104K		2	CAPACITOR, FIXED CER DIELECT, 100000PF, 10% 100VDC (V81349) 913-5019-440 C12 (USED ON ITEM 1B)		1
R 49	CK06BX104K		2	CAPACITOR, FIXED CER DIELECT, 100000PF, 10% 100VDC (V81349) 913-5019-440 C13 (USED ON ITEM 1B)		1
50	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R10 (USED ON ITEM 1B)		1
51	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R9 (USED ON ITEM 1B)		1
52	1-102386-6		2	CONNECTOR, CONTACT ELEC (V00779) 372-2330-170 P1 (USED ON ITEM 1B)		1
53	280-2745-040		2	LABEL, ESDS WARNING (V12998) (USED ON ITEM 1B)		1
54	RCR05G103JS		2	RESISTOR, FIXED CMPSN, 10K, 5%, 1/8W (V81349) 745-1863-730 R12 R13 (USED ON ITEM 1B)		2

2()

2

5

5

5

7()

3()

9

B
C

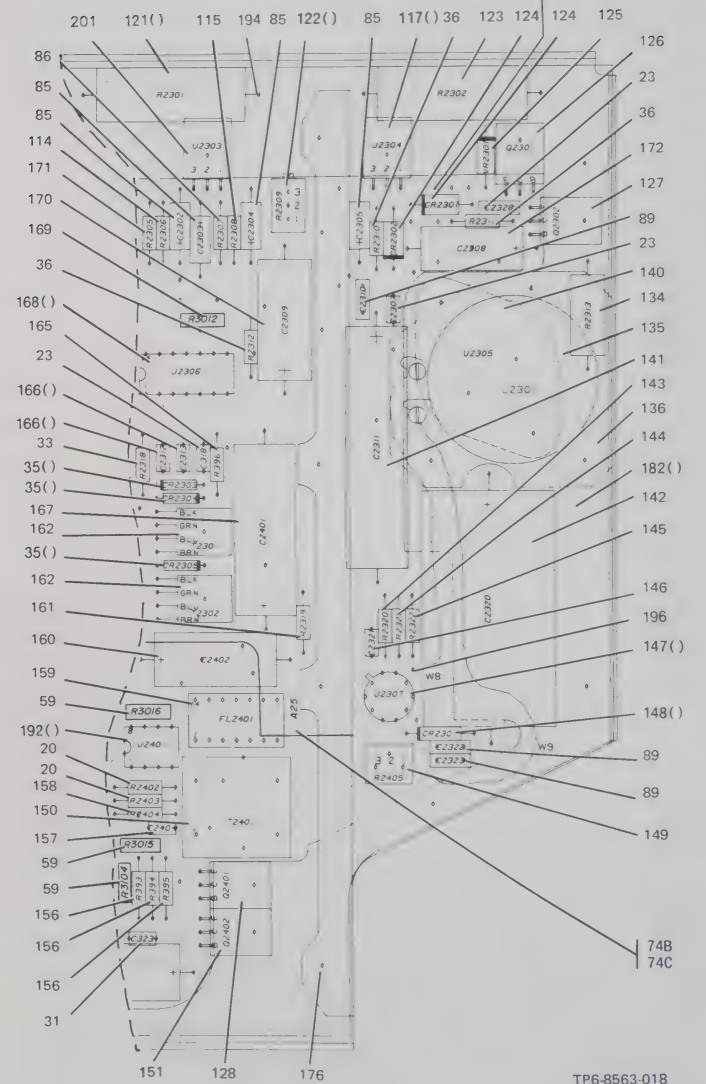
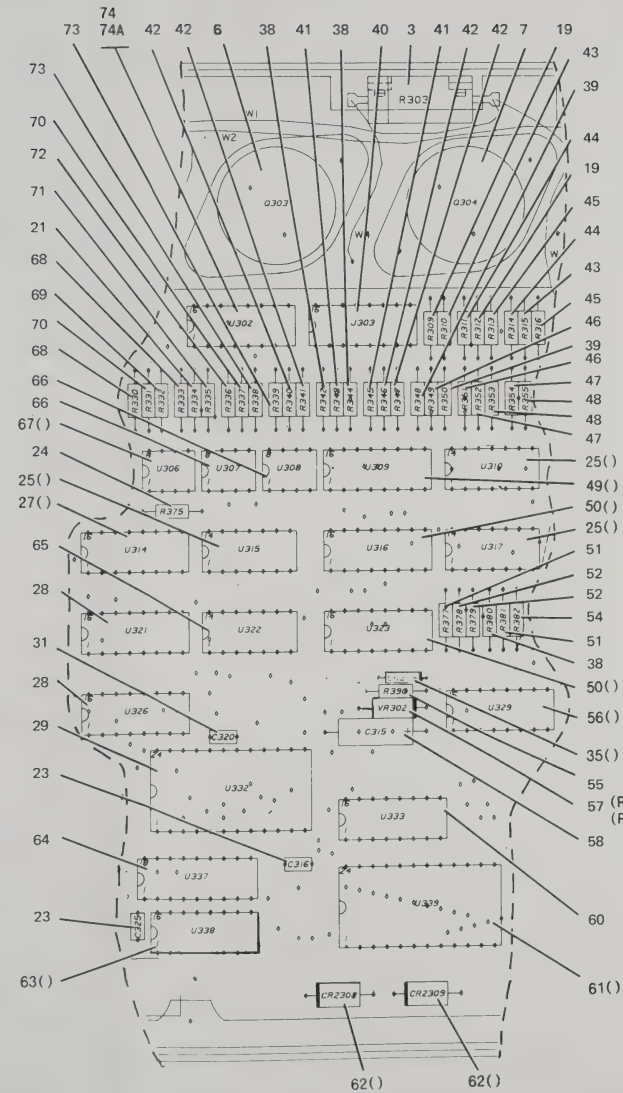
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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 26-1A	642-4203-001		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53B FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X Y,AY	RF
R -1B	642-4203-002		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53C FOR NHA)		RF
R 2	M39003-03-0133		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 C301		1
R 3	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R301 R302 R303 R304		4
				ATTACHING PARTS		
-4	68NM26		2	NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (SUPSD BY ITEM 4A)		8
R -4A	68-1660-26		2	NUT, SLFLKG, HEX AL, 2-56 (V72962) 333-0604-000 (SUPSDS ITEM 4)		8
-5	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000		8
				---*---		
R 6	64906		2	TRANSISTOR (V02735) 352-1006-020 Q301 Q303		2
7	64903		2	TRANSISTOR (V02735) 352-1005-020 Q302 Q304		2
				ATTACHING PARTS		
R -8	313-0132-000		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 8A)		8
R -8A	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 8)		8
R -9	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		8
-10	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		4
-11	43-02-9		2	INSULATOR, PL (V13103) 352-9605-140 (SUPSD BY ITEM 11A)		4
-11A	43-03-8		2	INSULATOR, PL (V13103) 352-9605-140 (SUPSDS ITEM 11)		4
-12	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000		8
				---*---		
R 13	3386P1-103		2	RESISTOR, VAR 10K , 10% (V80294) 382-0051-080 R323		1
R -14	CK05BX102K		2	CAPACITOR, FIXED CER DIEL, 1000PF, 10%, 200V (V81349) 913-4018-000 C317 (SUPSD BY 14A)		1
R -14A	913-3281-710		2	CAPACITOR, FIXED CER DIEL, 1000PF, 5%, 100VDC 913-3281-710 is REF No. for V72982 RPE122C0G102J100V (SUPSDS 14)		1
15	LM565H		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V27014) 351-1114-030 U301		1
R 16	2N2608		2	TRANSISTOR (ESDS) (V04713) 352-0605-010 Q305		1
17	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R324 R363		2
18	RN55D6810F		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000 R325		1
19	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R3009 R309 R312 R320 R326		5
20	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2402 R2403 R3010 R327 R359 R362 R365 R366 R367 R373		10

- ITEM NOT ILLUSTRATED



34-35-10 Page 430
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 26-1A	642-4203-001		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53B FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X Y,AY	RF
R -1B	642-4203-002		1	CIRCUIT CARD ASSY, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53C FOR NHA)		RF
R 2	M39003-03-0133		2	CAPACITOR, FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 C301		1
R 3	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 R301 R302 R303 R304		4
-4	68NM26		2	ATTACHING PARTS NUT, SELF-LOCKING AL/ANDZ, 0.086-56 (V72962) 333-0327-000 (SUPSD BY ITEM 4A)		8
R -4A	68-1660-26		2	NUT, SLFLKG, HEX AL, 2-56 (V72962) 333-0604-000 (SUPSDS ITEM 4)		8
-5	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000		8
R 6	64906		2	TRANSISTOR (V02735) 352-1006-020 Q301 Q303		2
7	64903		2	TRANSISTOR (V02735) 352-1005-020 Q302 Q304		2
R -8	313-0132-000		2	ATTACHING PARTS NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 8A)		8
R -8A	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 8)		8
R -9	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		8
-10	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		4
-11	43-02-9		2	INSULATOR, PL (V13103) 352-9605-140 (SUPSD BY ITEM 11A)		4
-11A	43-03-8		2	INSULATOR, PL (V13103) 352-9605-140 (SUPSDS ITEM 11)		4
-12	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000		8
R 13	3386P1-103		2	RESISTOR, VAR 10K , 10% (V80294) 382-0051-080 R323		1
R -14	CK05BX102K		2	CAPACITOR, FIXED CER DIE, 1000PF, 10%, 200V (V81349) 913-4018-000 C317 (SUPSD BY 14A)		1
R -14A	913-3281-710		2	CAPACITOR, FIXED CER DIE, 1000PF, 5%, 100VDC 913-3281-710 is REF No. for V72982 RPE122C0G102J100V (SUPSDS 14)		1
15	LM565H		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V27014) 351-1114-030 U301		1
R 16	2N2608		2	TRANSISTOR (ESDS) (V04713) 352-0605-010 Q305		1
17	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 R324 R363		2
18	RN55D6810F		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000 R325		1
19	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 R3009 R309 R312 R320 R326		5
20	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R2402 R2403 R3010 R327 R359 R362 R365 R366 R367 R373		10

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 21	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 R328 R334		2
22	RN55E3242B		2	RESISTOR, FIXED FILM, 32.4K, 0.1%, 1/10W (V81349) 705-5976-460 R329		1
R 23	CK05BX103K		2	CAPACITOR, FIXED CER DIE, 0.01UF, 10%, 100VDC (V81349) 913-5019-200 C2307 C2326 C303 C304 C305 C306 C310 C316 C318 C325		10
24	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R364 R375 R392		3
25	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U304 U305 U310 U315 U317 (SUPSD BY ITEM 25A)		5
25A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U304 U305 U310 U315 U317 (SUPSDS ITEM 25)		5
26	M39003-01-2356		2	CAPACITOR, FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 C309 C311 C312		3
27	AD11-107		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V24355) 351-1159-040 U313 U314 (SUPSD BY ITEM 27A)		2
27A	MP7533BD		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V54186) 351-1159-040 U313 U314 (SUPSDS ITEM 27)		2
R 28	AD11-99		2	MICROCIRCUIT (ESDS) (V24355) 351-1159-030 U320 U321 U325 U326		4
29	MC14508BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8180-010 U331 U332 U336		3
30	600D157G050DL5		2	CAPACITOR, FIXED ELCTLT, 150UF, P75%M10%, 50V (V56289) 183-1277-010 C2324 C2325		2
31	CK05BX104K		2	CAPACITOR, FIXED CER DIE, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C319 C320 C321 C322 C323 C326		6
32	M39003-01-2265		2	CAPACITOR, FIXED ELCTLT, 220UF, 10%, 10V (V81349) 184-9086-250 C302 C313		2
33	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 R2317 R2318 R356		3
34	RN55D1102F		2	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000 R361		1
R 35	1N4454		2	DIODE (V12969) 353-3644-010 CR2303 CR2304 CR2305 CR2306 CR301 CR304 CR305 CR306 (SUPSD BY ITEM 35A)		8
35A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2303 CR2304 CR2305 CR2306 CR301 CR304 CR305 CR306 (SUPSDS ITEM 35)		8
36	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 R2310 R2311 R2312 R319 R357 R376		6
37	RN55D2741F		2	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 R321		1
38	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R342 R344 R380		3
39	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R348 R350		2
40	CD4015BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8189-010 U303		1
41	RN55E1182B		2	RESISTOR, FIXED FILM, 11.8K, 0.1%, 1/10W (V81349) 705-5975-610 R343 R345		2
42	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 R340 R341 R346 R347		4
43	RN55D3482F		2	RESISTOR, FIXED FILM, 34.8K, 1%, 1/8W (V81349) 705-1070-000 R310 R315		2

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 44	RN55D2322F		2	RESISTOR, FIXED FILM, 23.2K, 1%, 1/8W (V81349) 705-3605-650 R311 R314		2
45	RN55D1962F		2	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000 R313 R316		2
46	RN55E1721B		2	RESISTOR, FIXED FILM, 1.72K, 0.1%, 1/10W (V81349) 705-5973-980 R349 R351		2
47	RN55E3831B		2	RESISTOR, FIXED FILM, 3.83K, 0.1%, 1/10W (V81349) 705-5974-660 R352 R354		2
48	RN55E2612B		2	RESISTOR, FIXED FILM, 26.1K, 0.1%, 1/10W (V81349) 705-5976-280 R353 R355		2
49	1316BX103		2	RESISTOR NTKW CER, DUAL-IN-LINE, 10K (V01121) 350-4008-020 U309 (SUPSD BY ITEM 49A)		1
49A	10168-10K		2	RESISTOR NTKW CER, DUAL-IN-LINE, 10K (V33256) 350-4008-020 U309 (SUPSDS ITEM 49)		1
				OR		
49B	698-3R10KD		2	RESISTOR NETWORK SIP, 10K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-040 U309		1
50	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U316 U323 (SUPSD BY ITEM 50A)		2
50A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U316 U323 (SUPSDS ITEM 50)		2
51	RN55E2001B		2	RESISTOR, FIXED FILM, 2K, 0.1%, 1/10W (V81349) 705-5974-120 R377 R381		2
52	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 R378 R379		2
53	RN55E1502B		2	RESISTOR, FIXED FILM, 15K, 0.1%, 1/10W (V81349) 705-5975-810 R383 R385		2
54	RN55E8662B		2	RESISTOR, FIXED FILM, 86.6K, 0.1%, 1/10W (V81349) 705-5977-290 R382 R384		2
55	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 R390		1
56	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U329 (SUPSD BY ITEM 56A)		1
56A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U329 (SUPSDS ITEM 56)		1
57	1N758A		2	SEMICONV DEVICE (V14433) 353-2724-000 VR302		1
58	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 C2403 C315		2
59	RCR05G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/8W (V81349) 745-2404-000 R3014 R3015 R3016 R3017 R3018 R3020 R3021		7
60	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U333		1
61	638-3049-002		2	INTEGRATED CKT SINE COSINE PROM U339 (SUPSD BY ITEM 61A)		1
61A	638-3049-003		2	INTEGRATED CKT SINE COSINE PROM U339 (SUPSDS ITEM 61)		1
62	IN5553		2	SEMICONV DEVICE (V14099) 353-3718-070 CR2308 CR2309 (SUPSD BY ITEM 62A)		2
62A	UT1519		2	SEMICONV DEVICE (V12969) 353-3718-070 CR2308 CR2309 (SUPSDS ITEM 62)		2
63	MC14028BAL		2	INTEGRATED CIRCUIT DECODER (ESDS) (V04713) 351-8273-010 U338 (SUPSD BY ITEM 63A)		1
63A	CD4028BMJ		2	INTEGRATED CIRCUIT DECODER (ESDS) (V27014) 351-8273-010 U338 (SUPSDS ITEM 63)		1
64	CDP1824D		2	MICROCIRCUIT (ESDS) (V02735) 351-8507-020 U337		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 65	314A103		2	RESISTOR NETWORK DUAL-IN-LINE, 10K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-120 U322		1
R 66	MC1536G		2	MICROCIRCUIT (ESDS) (V04713) 351-1112-010 U307 U308		2
67	UA1558RM		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V07263) 351-1286-010 U306 (SUPSD BY ITEM 67A)		1
67A	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U306 (SUPSDS ITEM 67)		1
68	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 R330 R333		2
69	RN55E5112B		2	RESISTOR, FIXED FILM, 51.1K, 0.1%, 1/10W (V81349) 705-5976-840 R332		1
70	RN55E3742B		2	RESISTOR, FIXED FILM, 37.4K, 0.1%, 1/10W (V81349) 705-5976-580 R331 R337		2
71	RN55E2742B		2	RESISTOR, FIXED FILM, 27.4K, 0.1%, 1/10W (V81349) 705-5976-320 R335		1
72	RN55E1372B		2	RESISTOR, FIXED FILM, 13.7K, 0.1%, 1/10W (V81349) 705-5975-730 R336		1
73	RN55E4752B		2	RESISTOR, FIXED FILM, 47.5K, 0.1%, 1/10W (V81349) 705-5976-780 R338 R339		2
74	4020BDM		2	INTEGRATED CIRCUIT (ESDS) (V07263) 351-8161-010 U302 (SUPSD BY ITEM 74A)		1
74A	CD4020BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 U302 (SUPSDS ITEM 74)		1
74B	642-0571-002		2	CIRCUIT CARD ASSY A25 (SEE FIG 25 FOR DET BKDN) (SUPSD BY ITEM 74C)		1
74C	642-4225-002		2	CIRCUIT CARD ASSY (ESDS) A25 (SEE FIG 25 FOR DET BKDN) (SUPSDS ITEM 74B) ATTACHING PARTS		1
-74D	MS51957-14		2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		4
-74E	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		4
R -74F	540-9041-003		2	POST		2
75	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R3013		1
76	RN55D1101F		2	RESISTOR, FIXED FILM, 1.1K, 1%, 1/8W (V81349) 705-0998-000 R2304 R317		2
77	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 R305 R306 R307 R308		4
78	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R3011		1
79	LM117KSTL		2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2301 (SUPSD BY ITEM 79A)		1
R 79A	LM117K		2	INTEGRATED CIRCUIT REGULATOR (V27014) 351-1271-030 U2301 (SUPSD BY 79B)		1
R -79B	LT1083MK		2	MICROCIRCUIT (ESDS) (V64155) 835-0085-220 (SUPSDS 79A) ATTACHING PARTS		1
R -80	313-0132-000		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 80A)		2
R -80A	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 80)		2
R -81	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
R -81A	547-8177-017		2	BUSHING, INSULATED (ADDED)		2
R -82	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 26-82A	628-9576-001		2	HEATSINK (ADDED)		1
-83	43-02-9		2	INSULATOR,PL (V13103) 352-9605-140 (SUPSD BY ITEM 83A)		1
R -83A	43-03-8		2	INSULATOR,PL (V13103) 352-9605-140 (SUPSD BY 83B)		1
R -83B	2015-03		2	INSULATOR (V55285) 843-9005-010 (SUPSDS 83A)		1
R -84	MS51957-16		2	SCREW,MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 (SUPSD BY 84A)		2
R -84A	MS51957-17		2	SCREW,MACHINE STL, 4-40 X 1/2 (V96906) 343-0137-000 -----		2
R 85	M39003-01-2280		2	CAPACITOR,FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2303 C2304 C2305		3
86	RN55D3480F		2	RESISTOR,FIXED FILM, 348 OHMS, 1%, 1/8W (V81349) 705-0974-000 R2303 R2307		2
87	RN55D4990F		2	RESISTOR,FIXED FILM, 499 OHMS, 1%, 1/8W (V81349) 705-3600-820 R318		1
88	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 Q2303		1
R 89	CK06BX104K		2	CAPACITOR,FIXED CER DIEL,100000PF, 10% 100VDC (V81349) 913-5019-440 C2310 C2322 C2323 C307 C308		5
90	2N2907A		2	TRANSISTOR (V04713) 352-0551-010 Q2304		1
R 91	UA741ARM		2	MICROCIRCUIT (ESDS) (V07263) 351-1261-020 U311 U312 (SUPSD BY 91B) OR		2
R 91A	LM741J		2	MICROCIRCUIT (ESDS) (V27014) 351-1261-010 U311 U312 (SUPSD BY 91C) OR		2
R -91B	LT1006MJ8		2	MICROCIRCUIT (ESDS) (V64155) 351-1261-020 (SUPSDS 91) OR		2
R -91C	MC1741U		2	MICROCIRCUIT (ESDS) (V04713) 351-1261-010 (SUPSDS 91A)		2
92	RCR07G471KS		2	RESISTOR,FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 R368 R374		2
93	RCR07G103KS		2	RESISTOR,FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R2314 R2315 R2316		3
94	M39003-01-2269		2	CAPACITOR,FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 C2315 C2316 C2317 C2318		4
95	CK06BX223K		2	CAPACITOR,FIXED CER DIEL, 22000PF, 10% 100VDC (V81349) 913-5019-360 C2314 C2319		2
96	MPQ6001		2	INTEGRATED CIRCUIT TRANSISTOR ARRAY (ESDS) (V04713) 351-0053-010 U319		1
R 97	1N973B		2	DIODE (V04713) 353-3184-000 VR2401		1
98	RN55D1001F		2	RESISTOR,FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 R3006 R3008		2
99	RN55D1502F		2	RESISTOR,FIXED FILM, 15K, 1%, 1/8W (V81349) 705-3605-560 R3007 SB 16 (SUPSD BY ITEM 99A)		1
99A	RN55D3092F		2	RESISTOR,FIXED FILM, 30.9K, 1%, 1/8W (V81349) 705-3605-710 R3007 SB 16 (SUPSD BY ITEM 99B)		1
99B	RN55D3402F		2	RESISTOR,FIXED FILM, 34K, 1%, 1/8W (V81349) 705-3605-730 R3007 (SUPSDS ITEMS 99 AND 99A)		1
R 100	RW69V181		2	RESISTOR,FIXED WW, 180.0 OHMS, 5%, 3W (ESDS) (V01686) 747-5345-000 R2401		1
101	435668-3		2	SWITCH,DUAL PKG (V00779) 266-0243-260 S301 (EFF TO SB 19)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN NO E T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 102	MC14502BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8334-010 U335		1
103	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U340 (SUPSD BY ITEM 103A)		1
103A	652-5961-001		2	INTEGRATED CIRCUIT U340 SB 21 (SUPSDS ITEM 103)		1
104	CD4042BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8201-030 U334		1
105	290-9606-000M21		2	CRYSTAL UNIT,QTZ 3.200000MHZ (V00136) 290-9606-000 Y301		1
106	RCR07G106KS		2	RESISTOR,FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R391		1
107	CD4071BMJ		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V27014) 351-8306-010 U330 (SUPSD BY ITEM 107A)		1
107A	MC14071BAL		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V04713) 351-8306-010 U330 (SUPSDS ITEM 107)		1
108	RN55E3012B		2	RESISTOR,FIXED FILM, 30.1K, 0.1%, 1/10W (V81349) 705-5976-400 R3002 R3003		2
109	RCR07G273KS		2	RESISTOR,FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 R386		1
110	M39003-01-2254		2	CAPACITOR,FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 C314		1
R 111	RWR81SR121FR		2	RESISTOR, FIXED, WW, 0.121 OHMS, 1%, 1W (V01686) 747-2178-090 R3001		1
112	316B221		2	RESISTOR,NETWORK DIP, 220 OHMS, 5%, 1.25W PKG (ESDS) (V01121) 350-4030-160 U318		1
113	RCR07G122KS		2	RESISTOR,FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 R369 R370 R371 R372		4
114	RN55D2490F		2	RESISTOR,FIXED FILM, 249 OHMS, 1%, 1/8W (V81349) 705-0967-000 R2306		1
115	RN55D9530F		2	RESISTOR,FIXED FILM, 953 OHMS, 1%, 1/8W (V81349) 705-0995-000 R2308		1
117	LM120H8-0		2	INTEGRATED CIRCUIT VOLT REGULATOR (V27014) 351-1218-050 U2304 (SUPSD BY ITEM 117A)		1
R 117A	SG120T8		2	INTEGRATED CIRCUIT VOLT REGULATOR (V34333) 351-1218-050 U2304 (SUPSDS ITEM 117) ATTACHING PARTS		1
-118	MS51957-3		2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
-119	302-4800-000		2	WASHER,NM FBR, 0.116ID X 1/4 OD (V74921) (SUPSD BY ITEM 119A)		2
-119A	302-4800-000		2	WASHER,NM FBR, 0.116ID X 1/4 OD 302-4800-000 is REF No. for V74921 FBR0-116IDX1-40D (SUPSDS ITEM 119)		2
R -120	6483-1R		2	HEATSINK (V98978) 352-9604-030 -----		1
121	RWR67V4R7		2	RESISTOR,FXD WW, 4.7 OHMS, 5%, 6.5W (V81349) 747-5485-000 R2301 (SUPSD BY ITEM 121A)		1
R 121A	RW67V4R7		2	RESISTOR,FXD WW, 4.7 OHMS, 5%, 6.5W (V01686) 747-5485-000 R2301 (SUPSDS ITEM 121)		1
R 122	64X201		2	RESISTOR, VAR, NWW, 200 OHMS, 10%, 1/2W (V02111) 382-0052-230 R2309 (SUPSD BY ITEM 122A)		1
R 122A	RJ24CX201		2	RESISTOR,VARIABLE NONWIRE-WOUND, 200 OHMS, 10%, 1/2W (V32997) 380-1080-390 R2309 (SUPSDS ITEM 122)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 123	RW67VR51			2 RESISTOR, FIXED WW, 0.51 OHMS, 10%, 6.5W (V81349) 747-5553-000 R2302		1
R 124	1N5614			2 DIODE (V12969) 353-6556-010 CR2301 CR2302		2
R 125	JANTX1N4616			2 SEMICONDUCTOR DEVICE (V81350) 353-9039-020 VR2301		1
126	MJE700			2 TRANSISTOR (V04713) 352-1082-010 Q2301		1
127	MJE800			2 TRANSISTOR (V04713) 352-1083-010 Q2302		1
128	2N4923			2 TRANSISTOR (V27014) 352-0782-030 Q2401		1
				ATTACHING PARTS FOR 126-128		
R -129	313-0132-000			2 NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 129A)		3
R -129A	NAS671C4			2 NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 129)		3
-130	NAS620C4L			2 WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		3
R -131	4704-04-01-4102			2 WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		3
-132	43-77-1			2 INSULATOR, PLATE (V13103) 352-9605-220		3
-133	330-1716-160			2 SCREW, SLFLKG SST, 4-40 X 3/8 (V56878) (SUPSD BY ITEM 133A)		3
-133A	330-1716-160			2 SCREW, SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN (SUPSDS ITEM 133) ---*		3
R 134	RWR89SR100FM			2 RESISTOR, FIXED WW, 0.100 OHMS, 1%, 3W (V01686) 747-2180-010 R2313		1
135	17665			2 INDUCTOR 314UH (V07388) 668-0165-010 L2301		1
136	638-2883-001			2 PLATE, MTG ATTACHING PARTS		1
R -137	MS51957-14			2 SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		4
R -138	NAS620C4L			2 WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 (SUPSD BY 138A)		3
R -138A	NAS620C5			2 WASHER, FLAT PSVT CRES, 0.128 ID X 0.238 OD (V80205) 310-0740-320 (SUPSDS 138)		3
R -139	540-9049-003			2 POST, ELEC-MECH ---*		3
140	LM120K12			2 MICROCIRCUIT VOLT REGULATOR (V27014) 351-1218-020 U2305 ATTACHING PARTS		1
R -140A	313-0132-000			2 NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 140B)		2
R -140B	NAS671C4			2 NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 140A)		2
R -140C	4704-04-01-4102			2 WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
-140D	NAS620C4L			2 WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
-140E	43-02-9			2 INSULATOR, PL (V13103) 352-9605-140 (SUPSD BY ITEM 140F)		1
-140F	43-03-8			2 INSULATOR, PL (V13103) 352-9605-140 (SUPSDS ITEM 140E)		1
-140G	MS51957-16			2 SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 ---*		2
141	600D107G050DJ5			2 CAPACITOR, FIXED ELCTLT, 100UF, P75%M10%, 50V (V56289) 183-1277-350 C2311		1
142	M39018-03-0756			2 CAPACITOR, FIXED ELCTLT, 150UF, P50%M10%, 100VDC (V81349) 184-5102-220 C2320		1
143	RN55D9761F			2 RESISTOR, FIXED FILM, 9.76K, 1%, 1/8W (V81349) 705-3605-470 R2320		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QTY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
26 144	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 R2321		1
145	RN55D3572F		2	RESISTOR, FIXED FILM, 35.7K, 1%, 1/8W (V81349) 705-3605-740 R2322		1
R 146	CK05BX101K		2	CAPACITOR, FIXED CER DIEL, 100PF, 10%, 200V (V81349) 913-4006-000 C2321		1
147	RM723T		2	INTEGRATED CIRCUIT V RGLTR (V49956) 351-1035-010 U2307 (SUPSD BY ITEM 147A)		1
R 147A	CA723T		2	INTEGRATED CIRCUIT V RGLTR (V02735) 351-1035-010 U2307 (SUPSDS ITEM 147)		1
148	IN4005		2	SEMICONV DEVICE (V04713) 353-6442-050 CR2307 (SUPSD BY ITEM 148A)		1
R 148A	1N4005GP		2	SEMICONV DEVICE (V14936) 353-6442-050 CR2307 (SUPSDS ITEM 148)		1
R 149	3386P1-502		2	RESISTOR, VAR 5000 OHMS, 10% (V80294) 382-0051-070 R2405		1
150	42394		2	TRANSFORMER, AUD (V73386) 667-0298-010 T2401		1
151	2N4920		2	TRANSISTOR (V04713) 352-0780-070 Q2402 ATTACHING PARTS		1
R -152	313-0132-000		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V77250) (SUPSD BY ITEM 152A)		1
R -152A	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000 (SUPSDS ITEM 152)		1
R -153	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		1
-154	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
-155	330-1716-160		2	SCREW, SLFLKG SST, 4-40 X 3/8 (V56878) (SUPSD BY ITEM 155A)		1
-155A	330-1716-160		2	SCREW, SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN (SUPSDS ITEM 155)		1
156	RCR07G474KS		2	RESISTOR, FIXED CMPSN, 0.47MEGO, 10%, 1/4W (V81349) 745-0845-000 R393 R394 R395		3
R 157	CK06BX473K		2	CAPACITOR, FIXED CER DIEL, 47000PF, 10% 100VDC (V81349) 913-5019-400 C2404		1
158	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 R2404		1
159	PBF5542		2	MICROCIRCUIT (ESDS) (V12050) 351-2422-010 FL2401		1
160	M39003-01-2299		2	CAPACITOR, FIXED ELCLTL, 68UF, 20%, 20V (V81349) 184-9086-590 C2402		1
161	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 R2319		1
162	ER499		2	TRANSFORMER, AUDIO (V80223) 677-0035-000 T2301 T2302 ATTACHING PARTS		2
-163	6009-8A		2	CLIP, COMPONENT (V91506) 139-2336-000		2
R -164	MS16535-76		2	RIVET, TUBULAR AL, 0.089 DIA X 0.125 (V96906) 305-1755-000		2
165	RN55D2371F		2	RESISTOR, FIXED FILM, 2.37K, 1%, 1/8W (V81349) 705-1014-000 R396		1
166	CY30C105M		2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V (V16546) 913-3279-270 C2312 C2313 C324 (SUPSD BY ITEM 166A)		3
R 166A	913-3279-270		2	CAPACITOR, FXD CER DIEL, 1UF, 20%, 50V 913-3279-270 is REF No. for V72982 RPE113Z5U105M50V C2312 C2313 C324 (SUPSDS ITEM 166)		3

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
	26 167	600D706G040DE5	2	CAPACITOR, FIXED ELCTLT, 70UF, P75%M10%, 40V (V56289) 183-1277-290 C2401		1
	168	LM3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U2306 (SUPSD BY ITEM 168A)		1
R	168A	SG3302N	2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U2306 (SUPSDS ITEM 168)		1
	169	RN55D4992F	2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 R3012 R360		2
	170	M39003-01-2312	2	CAPACITOR, FIXED ELCTLT, 47UF, 10%, 35V (V81349) 184-9086-720 C2309		1
	171	RN55D2101F	2	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 R2305		1
	172	M39003-01-2306	2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 C2308		1
	173	629-6757-001	2	STIFFENER, CENTER ATTACHING PARTS		1
	-174	MS51959-14	2	SCREW, MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000 -----		4
	175	641-0482-001	2	STIFFENER		1
	176	635-5563-003	2	STIFFENER ATTACHING PARTS FOR 175, 176)		1
	-177	MS51957-14	2	SCREW, MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		4
	-178	MS51957-15	2	SCREW, MACHINE STL, 4-40 X 3/8 (V96906) 343-0135-000		3
	-179	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		7
	-180	546-3039-003	2	WASHER, FLAT -----		3
R	181	540AG10D	2	SOCKET, IC (V91506) 220-0067-110 XU340		1
	182	629-6753-001	2	CHASSIS (SUPSD BY ITEM 182A)		1
	182A	651-2443-001	2	CHASSIS, CENTER (SUPSDS ITEM 182) ATTACHING PARTS		1
	-183	MS51957-13	2	SCREW, MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000		5
	-184	NAS620C4L	2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 -----		5
	185	87478-8	2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-530 J1402		1
R	186	86418-5	2	CONNECTOR, RCPT (V00779) 372-0033-020 J301 J303		2
	187	NA1104-089	2	CONTACT, ELECTRICAL (V57863) 372-2601-089		16
	188	280-2745-010	2	LABEL, ESDS WARNING (V12998)		1
	189	RN55E1002B	2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 R3004 R3005 (SUPSD BY ITEM 189A)		2
	189A	RN55E4991B	2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 R3004 R3005 (SUPSDS ITEM 189)		2
	190	RCR05G563KS	2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/8W (V81349) 745-2404-000 R3022 R3023 (DELETED BY REVISION)		2
	191	RCR05G563KS	2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/8W (V81349) 745-2404-000 R3019 (ADDED BY REVISION)		1
	192	MC1558U	2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 U2401 U341 (SUPSD BY ITEM 192A)		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

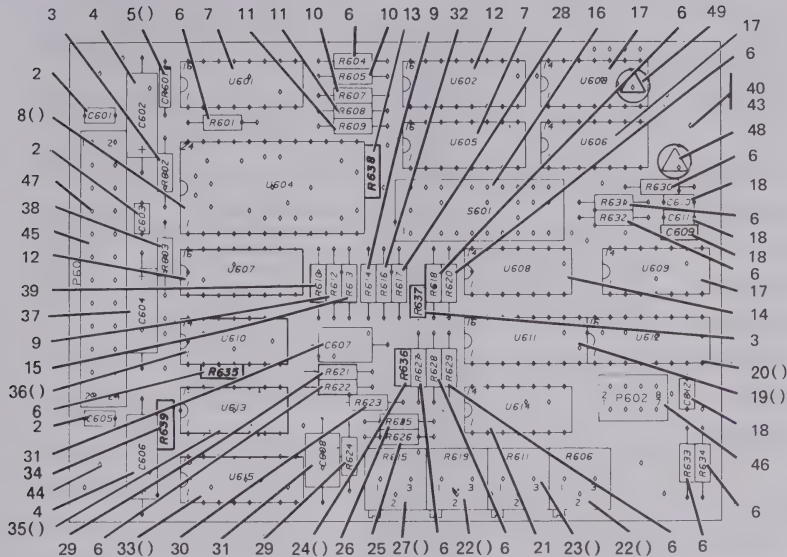
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 26 192A	RM4558DE		2	MICROCIRCUIT (ESDS) (V07933) 351-1286-050 U2401 U341 (SUPSDS ITEM 192)		2
193	1N4106		2	DIODE (V04713) 353-3591-080 VR2303 VR2304 SB 20 (ADDED BY REVISION)		2
R 194	797-7253-004		2	TERMINAL, SPECIAL ADDED AND DELETED BY REV		1
R 195	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037 (ADDED BY REVISION)		6
196	NA1104-027		2	CONTACT, ELECTRICAL (V57863) 372-2601-027 (ADDED BY REVISION)		2
R 197	M39003-01-2280		2	CAPACITOR, FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 C2301 C2302 (SUPSD BY 197A)		2
R -197A	M39003-01-2289		2	CAPACITOR, FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 (SUPSDS 197)		2
R 199	647-6472-001		2	TERMINAL E1 E2 E3 E4 (ADDED)		4
R 201	LM117H		2	MICROCIRCUIT (V64155) 351-1271-020 U2303 ATTACHING PARTS		1
R -203	310-0468-020		2	WASHER, SPRING, CURVE SST, 0.124 ID X 0.245 OD (V70318) (ADDED)		1
R -205	MS15795-803		2	WASHER, FLAT CRES, 0.125ID X 0.250 OD (V96906) 310-0779-030 (ADDED)		1
R -207	628-9577-001		2	HEATSINK (ADDED)		1
R -209	MW425-120		2	INSULATOR, WASHER MICA, 0.120 ID X 0.425 OD (V08289) 302-0640-100 (ADDED)		1
R -211	TXB2P032-025B		2	HEATSINK (V98978) 352-9984-030 (ADDED)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



TP6-8562-019

VOR/ILS Self-Test Circuit Card Assembly A6
Figure 27

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 27-1	642-4206-001		1	CIRCUIT CARD ASSY, VOR/ILS SELF TEST A6 (SEE FIG 1-11C/11D/11G/11K/11L FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,Q,R,S T,U,V,W X,Y,Z,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AM,AN AQ,AR,AS AT,AU,AV AW,AX,AY AZ	RF
2	CK05BX104K		2	CAPACITOR, FIXED CER DIEL, 100000PF, 10%, 50VDC (V81349) 913-5019-320 C601 C603 C605		3
3	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 R602 R637		2
4	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C602 C606		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 27 5	1N4454		2	DIODE (V12969) 353-3644-010 CR601 (SUPSD BY ITEM 5A)		1
5A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR601 (SUPSDS ITEM 5)		1
6	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 R601 R604 R618 R620 R622 R627 R628 R629 R630 R631 R632 R633 R634 R635		14
R 7	SCM45957LK		2	MICROCIRCUIT (ESDS) (V04713) 351-8406-040 U601 U605		2
8	CD40032D84916		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U604 (SUPSD BY ITEM 8A)		1
R 8A	91179		2	INTEGRATED CKT (ESDS) (V02735) 351-8384-040 U604 (SUPSDS ITEM 8)		1
9	RN55D1333F		2	RESISTOR, FIXED FILM, 133K, 1%, 1/8W (V81349) 705-1098-000 R612 R614		2
10	RN55D1402F		2	RESISTOR, FIXED FILM, 14K, 1%, 1/8W (V81349) 705-1051-000 R605 R607		2
11	RN55D1473F		2	RESISTOR, FIXED FILM, 147K, 1%, 1/8W (V81349) 705-1100-000 R608 R609		2
12	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 U602 U607		2
R 13	RCR05G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/8W (V81349) 745-2344-000 R638 (SUPSD BY 13A)		1
R -13A	RN55D1211F		2	RESISTOR, FIXED FILM, 1.21K, 1%, 1/8W (V81349) 705-1000-000 (SUPSDS 13)		1
14	CD4071BMJ		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V27014) 351-8306-010 U608 (SUPSD BY ITEM 14A)		1
14A	MC14071BAL		2	INTEGRATED CIRCUIT LOGIC ARRAY (ESDS) (V04713) 351-8306-010 U608 (SUPSDS ITEM 14)		1
15	RN55D3012F		2	RESISTOR, FIXED FILM, 30.1K, 1%, 1/8W (V81349) 705-1067-000 R613		1
16	435668-9		2	SWITCH, DUAL PKG (V00779) 266-0243-230 S601 (EFF TO SB 19)		1
R 17	SCL4013BC		2	MICROCIRCUIT (ESDS) (V31039) 351-8160-030 U603 U606 U609		3
R 18	CK05BX471K		2	CAPACITOR, FIXED CER DIE, 470PF, 10%, 200V (V81349) 913-4014-000 C609 C610 C611 C612		4
19	CD4049MJ		2	MICROCIRCUIT (ESDS) (V27014) 351-8197-010 U611 (SUPSD BY ITEM 19A)		1
19A	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 U611 (SUPSDS ITEM 19)		1
20	CD4029BF		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V02735) 351-8233-010 U612 (SUPSD BY ITEM 20A)		1
20A	MC14029BAL		2	INTEGRATED CIRCUIT COUNTER (ESDS) (V04713) 351-8233-010 U612 (SUPSDS ITEM 20)		1
R 21	CD4081BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8297-010 U614		1
R 22	64P203		2	RESISTOR, VAR, NWW, 20K, 10%, 1/2W (V02111) 382-0052-110 R606 R619 (SUPSD BY ITEM 22A)		2
R 22A	RJ24CP203		2	RESISTOR, VARIABLE NONWIRE-WOUND, 20K, 10%, 1/2W (V32997) 380-1080-110 R606 R619 (SUPSDS ITEM 22)		2
R 23	64P103		2	RESISTOR, VAR, NWW, 10K, 10%, 1/2W (V02111) 382-0052-100 R611 (SUPSD BY ITEM 23A)		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN- VENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 27 23A	RJ24CP103		2	RESISTOR,VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-100 R611 (SUPSDS ITEM 23)		1
24	RCR07G391JS		2	RESISTOR,FIXED CMPSN, 390 OHMS, 5%, 1/4W (V81349) 745-0733-000 R636 (SUPSD BY ITEM 24A)		1
24A	RCR07G224KS		2	RESISTOR,FIXED CMPSN, 0.22MEGO, 10%, 1/4W (V81349) 745-0833-000 R636 (SUPSDS ITEM 24)		1
25	RN55D2002F		2	RESISTOR,FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 R626		1
26	RN55D2492F		2	RESISTOR,FIXED FILM, 24.9K, 1%, 1/8W (V81349) 705-1063-000 R625		1
R 27	64P503		2	RESISTOR, VAR, NWW, 50K, 10%, 1/2W (V02111) 382-0052-130 R615 (SUPSD BY ITEM 27A)		1
R 27A	RJ24CP503		2	RESISTOR,VARIABLE NONWIRE-WOUND, 50K, 10%, 1/2W (V32997) 380-1080-130 R615 (SUPSD BY ITEM 27)		1
28	RN55D4022F		2	RESISTOR,FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 R617		1
29	RN55D1002F		2	RESISTOR,FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 R621 R624		2
30	RN55D2001F		2	RESISTOR,FIXED FILM, 2K, 1%, 1/8W (V81349) 705-3605-140 R623		1
31	CRC1-080		2	CAPACITOR,FIXED PLSTC DIEL, 0.1UF, 10%, 50V (V04099) 933-1081-080 C607 C608		2
32	RN55D7152F		2	RESISTOR,FIXED FILM, 71.5K, 1%, 1/8W (V81349) 705-1085-000 R616		1
33	CD4053BF		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V02735) 351-8236-040 U615 (SUPSD BY ITEM 33A)		1
33A	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 U615 (SUPSDS ITEM 33)		1
R 34	RCR05G123KS		2	RESISTOR,FIXED CMPSN, 12K, 10%, 1/8W (V81349) 745-2380-000 R639 (SUPSD BY 34A)		1
R -34A	RN55D1212F		2	RESISTOR,FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 (SUPSDS 34)		1
35	UA148DM		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V07263) 351-1262-020 U613 (SUPSD BY ITEM 35A)		1
35A	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 U613 (SUPSDS ITEM 35)		1
36	LM3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34335) 351-1122-040 U610 (SUPSD BY ITEM 36A)		1
R 36A	SG3302N		2	INTEGRATED CIRCUIT COMPARATOR (V34333) 351-1122-040 U610 (SUPSDS ITEM 36)		1
37	M39003-01-2257		2	CAPACITOR,FIXED ELCTLT, 33UF, 10%, 10V (V81349) 184-9086-170 C604		1
38	RCR07G563KS		2	RESISTOR,FIXED CMPSN, 56K, 10%, 1/4W (V81349) 745-0812-000 R603		1
39	RN55D5902F		2	RESISTOR,FIXED FILM, 59K, 1%, 1/8W (V81349) 705-1081-000 R610		1
40	629-6561-013		2	SCREW ATTACHING PARTS		4
-41	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		4
R -42	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (SUPSD BY ITEM 42A)		4

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 27-42A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (SUPSDS ITEM 42)		4
43	608-6430-003		2	POST		3
44	608-5715-001		2	POST		1
45	372-2624-021		2	HOUSING,CONNECTOR ELEC P601 (SUPSD BY ITEM 45A)		1
45A	372-2334-130		2	CONNECTOR, ELEC (V00779) P601 (SUPSDS ITEM 45)		1
R 46	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 P602		1
R 47	372-2252-020		2	CONTACT,ELECTRICAL (V57863) (DELETED BY REVISION)		24
R 48	280-2745-040		2	LABEL, ESDS WARNING (V12998) (SUPSD BY 49)		1
R 49	280-2745-040		2	LABEL, ESDS WARNING (V12998) (SUPSDS 48-NEW LOCATION)		1

- ITEM NOT ILLUSTRATED

DETAILED PARTS LIST

Page 445
Oct 28/94

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
28 8A	CD4094BF		2	INTEGRATED CIRCUIT REGISTER (ESDS) (V02735) 351-8346-030 U2205 U2206 (SUPSDS ITEM 8)		2
9	M39003-01-2271		2	CAPACITOR, FIXED ELCTLT, 22UF, 10%, 15V (V81349) 184-9086-310 C2206 C2208		2
R 10	1N4454		2	DIODE (V12969) 353-3644-010 CR2201 CR2202 CR2203 CR2204 CR2205 CR2206 CR2207 CR2208 CR2211 CR2212 CR2213 CR2214 (SUPSD BY ITEM 10A)		12
10A	1N4454-1		2	DIODE (V12969) 353-3644-010 CR2201 CR2202 CR2203 CR2204 CR2205 CR2206 CR2207 CR2208 CR2211 CR2212 CR2213 CR2214 (SUPSDS ITEM 10)		12
11	RCR07G333KS		2	RESISTOR, FIXED CMPSN, 33K, 10%, 1/4W (V81349) 745-0803-000 R2210		1
12	F4049BPC		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V07263) 351-8159-210 U2202 (SUPSD BY ITEM 12A)		1
R 12A	SCL4049UBE		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V31019) 351-8159-210 U2202 (SUPSDS ITEM 12)		1
13	641-0289-001		2	MICROCIRCUIT PROM U2204 (SUPSD BY ITEM 13A)		1
13A	641-0289-002		2	MICROCIRCUIT PROM U2204 (SUPSDS ITEM 13)		1
14	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSD BY ITEM 14A)		1
R 14A	CDP1802AD		2	MICROCIRCUIT (ESDS) (V02735) 351-8454-020 U2203 (SUPSDS ITEM 14)		1
15	RN55D1212F		2	RESISTOR, FIXED FILM, 12.1K, 1%, 1/8W (V81349) 705-1048-000 R2237 R2238		2
16	RCR05G823KS		2	RESISTOR, FIXED CMPSN, 82K, 10%, 1/8W (V81349) 745-2410-000 R2205 R2208		2
17	1N4104		2	DIODE (V04713) 353-3591-060 VR2210		1
18	RCR05G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/8W (V81349) 745-2304-000 R2230		1
19	RCR07G106KS		2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 R2229		1
20	RCR05G105KS		2	RESISTOR, FIXED CMPSN, 1MEGO, 10%, 1/8W (V81349) 745-2449-000 R2203 R2212		1
21	RCR05G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/8W (V81349) 745-2377-000 R2201 R2209		2
22	290-9606-000M21		2	CRYSTAL UNIT, QTZ 3.200000MHZ (V00136) 290-9606-000 Y2201		1
R 23	LM139J		2	MICROCIRCUIT, LINEAR (ESDS) (V01295) 351-1122-030 U2201		1
24	RN55D4641F		2	RESISTOR, FIXED FILM, 4.64K, 1%, 1/8W (V81349) 705-1028-000 R2204 R2223		2
25	4020BPC		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V07263) 351-8159-090 U2207 (SUPSD BY ITEM 25A)		1
R 25A	SCL4020BE		2	INTEGRATED CIRCUIT DCTL MOS (ESDS) (V31019) 351-8159-090 U2207 (SUPSDS ITEM 25)		1
R 26	TSW3800-24BW		2	SOCKET, IC (V23880) 220-0075-050 (DELETED BY REVISION)		1
R 27	TSW3800-40BW		2	SOCKET, IC (V23880) 220-0075-050 (DELETED BY REVISION)		1
28	629-6561-013		2	SCREW ATTACHING PARTS		4
-29	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		4

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 28-30	340-0694-000		2	SLEEVE, SPRING (V91314) 340-0644-000 (SUPSD BY ITEM 30A)		4
R -30A	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L (SUPSDS ITEM 30) ---*---		4
	31	635-5715-001	2	POST		1
	32	608-6430-003	2	POST		3
R 33	372-2624-027		2	HOUSING,CONNECTOR ELEC P2201 (SUPSD BY 33A)		1
R -33A	1-102645-8		2	CONNECTOR, ELEC (V00779) 372-2334-190 (SUPSDS 33)		1
R 34	372-2252-020		2	CONTACT,ELECTRICAL (V57863) (USED WITH ITEM 33)		36
R 35	86418-7		2	CONNECTOR, RCPT (V00779) 372-0033-010 J2201 J2202		2
	36	280-2745-040	2	LABEL, ESDS WARNING (V12998)		1

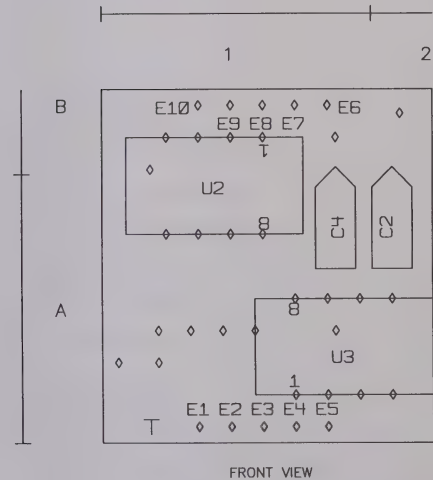
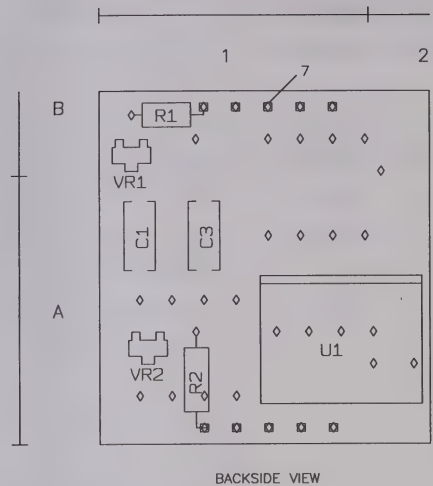
- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO
C1	A-2 *	13
C2	A-2	3
C3	A-1 *	13
C4	A-1	3
R1	B-2 *	15
R2	A-1 *	15
U1	A-1 *	11
U2	B-1	9
U3	A-1	9
VR1	B-2 *	5
VR2	A-1 *	5

* DESIGNATES BACKSIDE COMPONENTS.



AD429301-

VOR Filter Circuit Card A27
 Figure 29

ROCKWELL COLLINS AIR TRANSPORT SYSTEMS
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

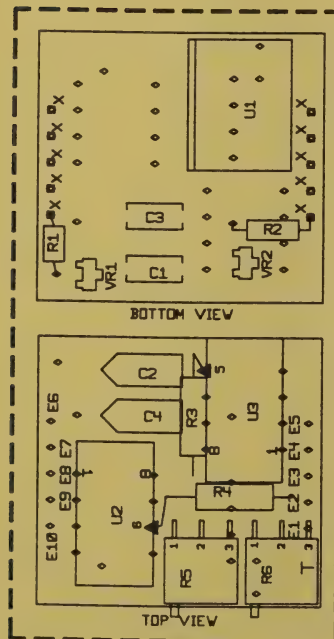
TEMPORARY REVISION NO 34-35-10-15

Insert facing page 449, 34-35-10

Subject: Detailed Parts List

Add items 17 and 19 to figure 29 as shown below:

17	RLR07C1005FS	2 RESISTOR, FIXED FILM, 10 M, 1%, 1/4W (V91637) 833-6050-880 A27R3 A27R4 (ADDED BY REVISION)	2
19	RJR26FW203S	2 RESISTOR, VAR, NON-WW, 20K, 10%, 1/4W (V32997) 380-1095-120 A27R5 A27R6 (ADDED BY REVISION)	2



COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 29-1	676-7466-001		1	FILTER ASSEMBLY, VOR A27 (SEE FIG 6-185 AND 11-39C FOR NHA)		RF
R 3	195D476X0010Z1		2	CAPACITOR, FIXED TNLTM, 47UF, 20%, 10V (V56289) 184-2551-140 A27C2 A27C4		2
R 5	MMBZ5231B		2	DIODE (ESDS) (V04713) 353-8133-060 A27VR1 A27VR2		2
R 7	NA1104-037		2	CONTACT, ELECTRICAL (V57863) 372-2601-037		10
R 9	144-845-0		2	RESISTOR, NETWORK (V73138) 833-5515-010 A27U2 A27U3		2
R 11	MAX275AEWP		2	MICROCIRCUIT (ESDS) (V1ES66) 835-0234-020 A27U1		1
R 13	18085C104MAT060		2	CAPACITOR, FIXED CER, 0.1UF, 20%, 50V (V96095) 913-3670-680 A27C1 A27C3		2
R 15	RCR05G301JS		2	RESISTOR, FIXED CMPSN, 300 OHMS, 5%, 1/8W (V81349) 745-1863-360 A27R1 A27R2		2

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4(4)/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

51RV-4(4)/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 455, 34-35-10

Subject: Detailed Parts List

Add effect codes AM, AN, AP and AQ to item 1A as shown:

31-1A 646-8203-004

1 CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3
(SEE FIG 2-53D FOR NHA)

A,B,C,D RF
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,AA
AB,AC,AD
AE,AF,AG
AH,AJ,AK
AL,AM,AN
AP,AQ,AR
AS,AT,AU
AV,AW,AX

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
C2301	I-8	207	C317	F-4	435	R2310	G-12	403	R304	H-8	3	R353	E	
C2302	H-9	207	C318	E-10	439	R2311	G-12	403	R305	F-7	419	R354	E	
C2303	G-10	205	C319	B-2	441	R2312	F-10	403	R306	F-7	419	R355	E	
C2304	F-10	205	C320	C-4	441	R2313	F-13	425	R307	F-7	419	R356	E	
C2305	F-11	205	C321	B-6	441	R2314	E-9	405	R308	F-7	419	R357	F	
C2307	G-12	439	C322	C-8	441	R2315	E-9	405	R309	F-6	335	R359	E	
C2308	F-13	211	C323	A-9	441	R2316	E-9	405	R310	F-6	331	R360	E	
C2309	E-10	213	C324	D-7	433	R2317	E-9	411	R311	F-6	347	R361	E	
C2310	F-11	447	C325	A-3	439	R2318	E-9	411	R312	F-6	335	R362	E	
C2311	E-11	193	C326	D-7	441	R2319	D-10	327	R313	F-6	329	R363	E	
C2312	E-9	433	CR2301	F-11	289	R2320	D-11	343	R314	F-6	347	R364	E	
C2313	E-10	433	CR2302	G-11	289	R2321	D-11	309	R315	F-6	331	R365	E	
C2314	D-8	443	CR2303	E-9	283	R2322	D-11	351	R316	F-6	329	R366	E	
C2315	D-10	203	CR2304	E-10	283	R2323	I-6	461	R317	F-7	317	R367	E	
C2316	D-10	203	CR2305	D-10	283	R2324	I-6	463	R318	F-9	337	R368	E	
C2317	D-9	203	CR2306	D-9	283	R2325	I-5	465	R319	F-2	403	R369	E	
C2318	D-10	203	CR2307	C-11	287	R2326	I-5	467	R320	F-2	335	R370	E	
C2319	C-9	443	CR2308	A-5	285	R2401	C-9	427	R321	F-2	321	R371	E	
C2320	E-12	195	CR2309	A-5	285	R2402	B-9	323	R323	F-3	451	R372	E	
C2321	D-11	437	CR301	E-2	283	R2403	B-9	323	R324	E-3	341	R373	E	
C2322	C-11	447	CR304	C-6	283	R2404	B-9	395	R325	E-3	311	R374	E	
C2323	C-11	447	CR305	D-8	283	R2405	B-11	471	R326	E-3	335	R375	E	
C2324	A-5	189	CR306	C-8	283	R3001	D-8	423	R327	E-3	323	R376	C	
C2325	A-11	189	FL2401	C-10	249	R3002	D-8	383	R328	E-3	375	R377	C	
C2326	G-11	439	J1402	D-1	295	R3003	D-8	383	R329	E-3	385	R378	C	
C2327	I-4	469	J301	C-1	293	R3004	D-8	361	R330	E-3	373	R379	C	
C2328	I-7	469	J303	B-9	293	R3005	D-7	361	R331	E-3	387	R380	C	
C2401	C-10	191	L2301	E-12	155	R3006	D-8	315	R332	E-4	391	R381	C	
C2402	C-10	209	Q2301	G-12	79	R3007	D-8	349	R333	E-4	373	R382	C	
C2403	C-9	207	Q2302	G-12	81	R3008	D-9	315	R334	E-4	375	R383	C	
C2404	B-9	445	Q2303	F-9	277	R3009	D-8	335	R335	E-4	381	R384	C	
C2405	E-9	449	Q2304	E-9	273	R301	H-1	3	R336	E-4	369	R385	C	
C301	F-3	197	Q2401	B-10	80	R3010	F-8	323	R337	E-4	387	R386	C	
C302	E-1	201	Q2402	A-10	129	R3011	F-8	345	R338	E-4	389	R390	C	
C303	E-7	439	Q301	G-2	9	R3012	F-10	353	R339	E-4	389	R391	E	
C304	E-7	439	Q302	G-3	11	R3013	F-8	333	R340	E-4	363	R392	E	
C305	E-7	439	Q303	G-4	9	R3014	B-9	421	R341	E-5	363	R393	E	
C306	E-7	439	Q304	G-6	11	R3015	B-9	421	R342	E-5	365	R394	E	
C307	E-7	447	Q305	F-2	275	R3016	C-9	421	R343	E-5	367	R395	E	
C308	E-8	447	R2301	H-9	429	R3017	C-7	421	R344	E-5	365	R396	E	
C309	E-8	215	R2302	H-11	431	R3018	B-8	421	R345	E-5	367	T2301	C	
C310	E-2	439	R2303	G-9	307	R3019	C-7	421	R346	E-5	363	T2302	C	
C311	E-3	215	R2304	G-9	317	R302	H-3	3	R347	E-5	363	T2401	E	
C312	E-3	215	R2305	G-9	339	R3020	B-6	421	R348	E-5	361	U2301	C	
C313	D-2	201	R2306	G-9	305	R3021	B-6	421	R349	E-6	355	U2303	C	
C314	C-7	199	R2307	G-10	307	R3022	F-10	409	R350	E-6	361	U2304	C	
C315	C-6	207	R2308	G-10	313	R3023	F-10	409	R351	E-6	355	U2305	F	
C316	A-4	439	R2309	F-10	299	R303	H-6	3	R352	E-6	359	U2306	F	

* DESIGNATES BACKSIDE COMPONENTS.

**COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001**

51RV-4/4()/5/5() VOR/ILS Navigation Receiver

ILLUSTRATED PARTS CATALOG (523-0768832)

TEMPORARY REVISION NO 34-35-10-13

Insert facing page 455, 34-35-10

Subject: Detailed Parts List

Add effect codes AM, AN, AP and AQ to item 1A as shown:

31-1A 646-8203-004

1 CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3
(SEE FIG 2-530 FOR NHA)

RF
A,B,C,D
E,F,G,H
J,K,L,M
N,P,Q,R
S,T,U,V
W,X,AA
AB,AC,AD
AE,AF,AG
AH,AJ,AK
AL,AM,AN
AP,AQ,AR
AS,AT,AU
AV,AW,AX

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
C2301	I-8	207	C317	F-4	435	R2310	G-12	403	R304	H-8	3	R353	E-6	379	U2307	C-11	229	W4	C-8	301			
C2302	H-9	207	C318	E-10	439	R2311	G-12	403	R305	F-7	419	R354	E-6	359	U2308	D-7	169	XU340	B-8	217			
C2303	G-10	205	C319	B-2	441	R2312	F-10	403	R306	F-7	419	R355	E-6	379	U2309	F-7	167	Y301	A-6	219			
C2304	F-10	205	C320	C-4	441	R2313	F-13	425	R307	F-7	419	R356	E-2	411	U2401	C-9	247						
C2305	F-11	205	C321	B-6	441	R2314	E-9	405	R308	F-7	419	R357	F-2	403	U301	F-3	233						
C2307	G-12	439	C322	C-8	441	R2315	E-9	405	R309	F-6	335	R359	E-2	323	U302	F-4	251						
C2308	F-13	211	C323	A-9	441	R2316	E-9	405	R310	F-6	331	R360	E-2	353	U303	F-5	257						
C2309	E-10	213	C324	D-7	433	R2317	E-9	411	R311	F-6	347	R361	E-2	325	U304	F-8	243						
C2310	F-11	447	C325	A-3	439	R2318	E-9	411	R312	F-6	335	R362	E-2	323	U305	E-3	243						
C2311	E-11	193	C326	D-7	441	R2319	D-10	327	R313	F-6	329	R363	E-2	341	U306	E-3	245						
C2312	E-9	433	CR2301	F-11	289	R2320	D-11	343	R314	F-6	347	R364	E-2	413	U307	E-4	231						
C2313	E-10	433	CR2302	G-11	289	R2321	D-11	309	R315	F-6	331	R365	E-6	323	U308	E-4	231						
C2314	D-8	443	CR2303	E-9	283	R2322	D-11	351	R316	F-6	329	R366	E-7	323	U309	E-5	221						
C2315	D-10	203	CR2304	E-10	283	R2323	I-6	461	R317	F-7	317	R367	E-7	323	U310	E-6	243						
C2316	D-10	203	CR2305	D-10	283	R2324	I-6	463	R318	F-9	337	R368	E-7	399	U311	E-7	241						
C2317	D-9	203	CR2306	D-9	283	R2325	I-5	465	R319	F-2	403	R369	E-8	401	U312	E-8	241						
C2318	D-10	203	CR2307	C-11	287	R2326	I-5	467	R320	F-2	335	R370	E-8	401	U313	D-2	239						
C2319	C-9	443	CR2308	A-5	285	R2401	C-9	427	R321	F-2	321	R371	E-8	401	U314	D-3	239						
C2320	E-12	195	CR2309	A-5	285	R2402	B-9	323	R323	F-3	451	R372	E-8	401	U315	D-4	243						
C2321	D-11	437	CR301	E-2	283	R2403	B-9	323	R324	E-3	341	R373	E-9	323	U316	D-5	263						
C2322	C-11	447	CR304	C-6	283	R2404	B-9	395	R325	E-3	311	R374	E-9	399	U317	D-6	243						
C2323	C-11	447	CR305	D-8	283	R2405	B-11	471	R326	E-3	335	R375	E-4	413	U318	D-7	225						
C2324	A-5	189	CR306	C-8	283	R3001	D-8	423	R327	E-3	323	R376	D-2	403	U319	D-8	227						
C2325	A-11	189	FL2401	C-10	249	R3002	D-8	383	R328	E-3	375	R377	D-6	357	U320	D-2	237						
C2326	G-11	439	J1402	D-1	295	R3003	D-8	383	R329	E-3	385	R378	D-6	377	U321	D-3	237						
C2327	I-4	469	J301	C-1	293	R3004	D-8	361	R330	E-3	373	R379	D-6	377	U322	D-4	223						
C2328	I-7	469	J303	B-9	293	R3005	D-7	361	R331	E-3	387	R380	D-6	365	U323	D-5	263						
C2401	C-10	191	L2301	E-12	155	R3006	D-8	315	R332	E-4	391	R381	D-6	357	U325	C-2	237						
C2402	C-10	209	Q2301	G-12	79	R3007	D-8	349	R333	E-4	373	R382	D-6	393	U326	C-3	237						
C2403	C-9	207	Q2302	G-12	81	R3008	D-9	315	R334	E-4	375	R383	D-6	371	U329	C-6	259						
C2404	B-9	445	Q2303	F-9	277	R3009	D-8	335	R335	E-4	381	R384	D-6	393	U330	C-7	267						
C2405	E-9	449	Q2304	E-9	273	R301	H-1	3	R336	E-4	369	R385	D-6	371	U331	B-3	255						
C301	F-3	197	Q2401	B-10	80	R3010	F-8	323	R337	E-4	387	R386	C-7	407	U332	C-4	255						
C302	E-1	201	Q2402	A-10	129	R3011	F-8	345	R338	E-4	389	R390	C-5	397	U333	B-5	253						
C303	E-7	439	Q301	G-2	9	R3012	F-10	353	R339	E-4	389	R391	B-6	417	U334	B-7	261						
C304	E-7	439	Q302	G-3	11	R3013	F-8	333	R340	E-4	363	R392	B-7	413	U335	B-8	269						
C305	E-7	439	Q303	G-4	9	R3014	B-9	421	R341	E-5	363	R393	B-9	415	U336	B-3	255						
C306	E-7	439	Q304	G-6	11	R3015	B-9	421	R342	E-5	365	R394	B-9	415	U337	B-4	271						
C307	E-7	447	Q305	F-2	275	R3016	C-9	421	R343	E-5	367	R395	B-9	415	U338	A-4	265						
C308	E-8	447	R2301	H-9	429	R3017	C-7	421	R344	E-5	365	R396	E-10	319	U339	B-5	473						
C309	E-8	215	R2302	H-11	431	R3018	B-8	421	R345	E-5	367	T2301	D-10	139	U340	B-8	453						
C310	E-2	439	R2303	G-9	307	R3019	C-7	421	R346	E-5	363	T2302	D-10	139	U341	C-8	247						
C311	E-3	215	R2304	G-9	317	R302	H-3	3	R347	E-5	363	T2401	B-10	303	VR2301	G-12	291						
C312	E-3	215	R2305	G-9	339	R3020	B-6	421	R348	E-5	361	U2301	G-8	35	VR2401	C-9	281						
C313	D-2	201	R2306	G-9	305	R3021	B-6	421	R349	E-6	355	U2303	G-10	55	VR302	C-6	279						
C314	C-7	199	R2307	G-10	307	R3022	F-10	409	R350	E-6	361	U2304	G-11	71	W1	C-8	301						
C315	C-6	207	R2308	G-10	313	R3023	F-10	409	R351	E-6	355	U2305	F-11	23	W2	C-8	301						
C316	A-4	439	R2309	F-10	299	R303	H-6	3	R352	E-6	359	U2306	F-9	235	W3	C-8	301						

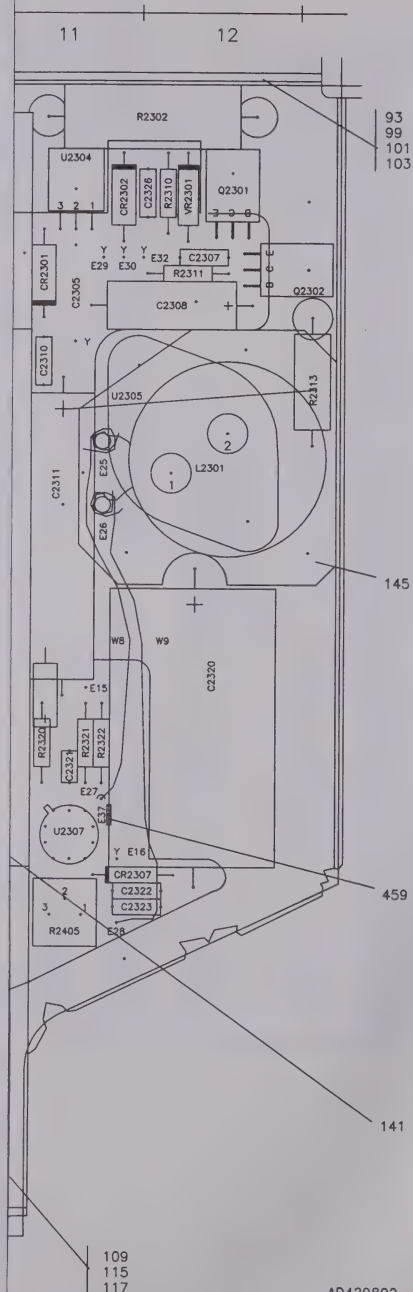
* DESIGNATES BACKSIDE COMPONENTS.

DIVISION
CATALOG
Integration Receiver
001

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LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
-6	379	U2307	C-11	229	W4	C-8	301
-6	359	U2308	D-7	169	XU340	B-8	217
-6	379	U2309	F-7	167	Y301	A-6	219
-2	411	U2401	C-9	247			
-2	403	U301	F-3	233			
-2	323	U302	F-4	251			
-2	353	U303	F-5	257			
-2	325	U304	F-8	243			
-2	323	U305	E-3	243			
-2	341	U306	E-3	245			
-2	413	U307	E-4	231			
-6	323	U308	E-4	231			
-7	323	U309	E-5	221			
-7	323	U310	E-6	243			
-7	399	U311	E-7	241			
-8	401	U312	E-8	241			
-8	401	U313	D-2	239			
-8	401	U314	D-3	239			
-8	401	U315	D-4	243			
-9	323	U316	D-5	263			
-9	399	U317	D-6	243			
-4	413	U318	D-7	225			
-2	403	U319	D-8	227			
-6	357	U320	D-2	237			
-6	377	U321	D-3	237			
-6	377	U322	D-4	223			
-6	365	U323	D-5	263			
-6	357	U325	C-2	237			
-6	393	U326	C-3	237			
-6	371	U329	C-6	259			
-6	393	U330	C-7	267			
-6	371	U331	B-3	255			
-7	407	U332	C-4	255			
-5	397	U333	B-5	253			
-6	417	U334	B-7	261			
-7	413	U335	B-8	269			
-9	415	U336	B-3	255			
-9	415	U337	B-4	271			
-9	415	U338	A-4	265			
-10	319	U339	B-5	473			
-10	139	U340	B-8	453			
-10	139	U341	C-8	247			
-10	303	VR2301	G-12	291			
-8	35	VR2401	C-9	281			
-10	55	VR302	C-6	279			
-11	71	W1	C-8	301			
-11	23	W2	C-8	301			
-9	235	W3	C-8	301			

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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

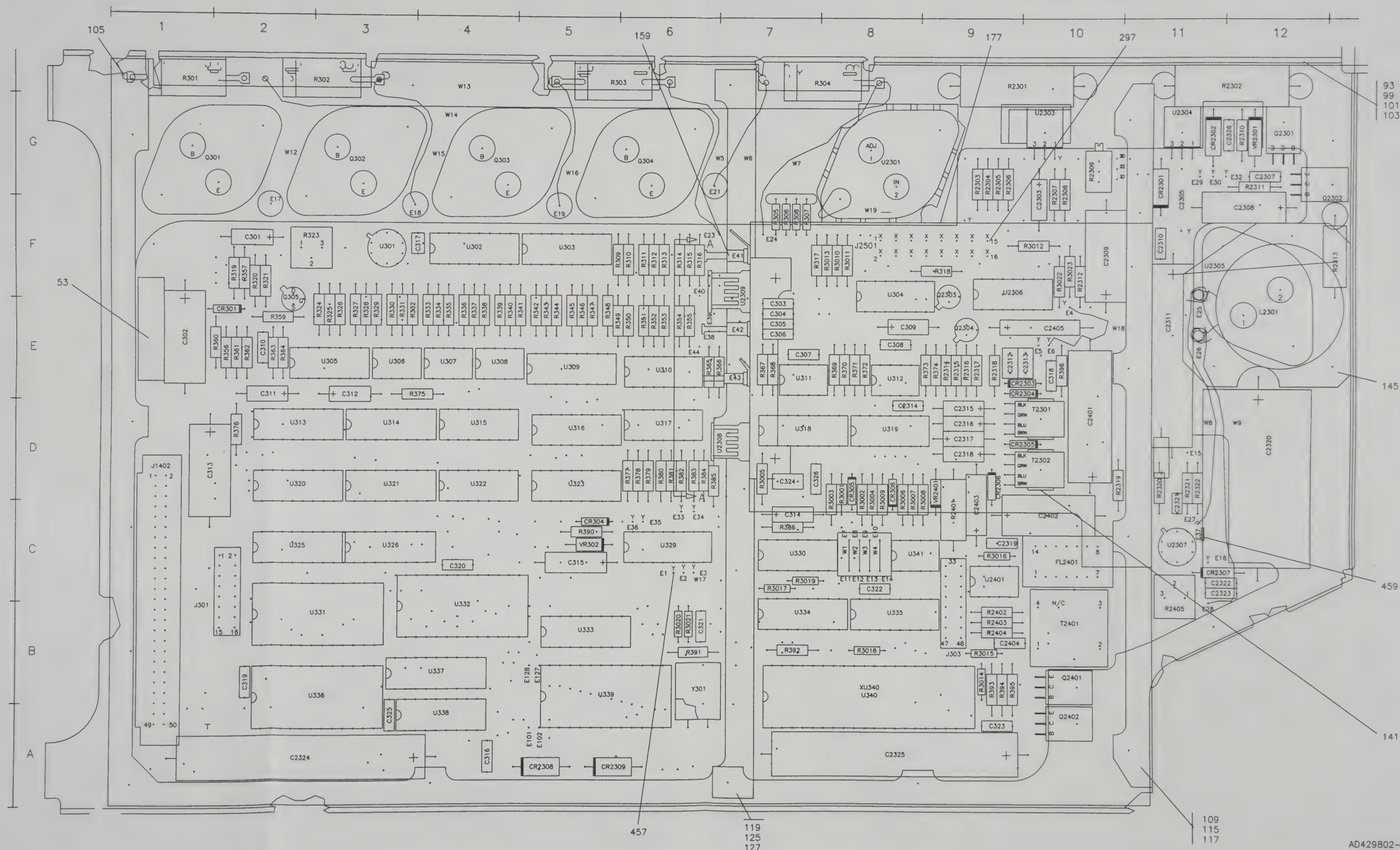
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31-1A	646-8203-004		1	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53D FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AR,AS AT,AU,AV AW,AX Z,AZ	RF
R -1B	646-8203-006		1	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53E FOR NHA)		RF
R 3	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 A3R301 A3R302 A3R303 A3R304 ATTACHING PARTS		4
R -5	68-1660-26		2	NUT, SLFLKG, HEX AL, 2-56 (V72962) 333-0604-000		8
R -7	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 -----		8
R 9	64906		2	TRANSISTOR (V34371) 352-1006-020 A3Q301 A3Q303		2
R 11	64903		2	TRANSISTOR (V02735) 352-1005-020 A3Q302 A3Q304 ATTACHING PARTS		2
R -13	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		8
R -15	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		8
R -17	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		4
R -19	43-03-8		2	INSULATOR, PL (V13103) 352-9605-140		4
R -21	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 -----		8
R 23	LM120K12		2	MICROCIRCUIT VOLT REGULATOR (V27014) 351-1218-020 A3U2305 ATTACHING PARTS		1
R -25	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		2
R -27	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
R -29	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
R -31	2015-03		2	INSULATOR (V55285) 843-9005-010		1
R -33	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 -----		2
R 35	LT1083MK		2	MICROCIRCUIT (ESDS) (V64155) 835-0085-220 A3U2301 ATTACHING PARTS		1
R -37	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		2
R -39	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
R -41	547-8177-017		2	BUSHING, INSULATED		1
R -43	4007-8HTD		2	TERMINAL, LUG (V77147) 304-0017-000		1
R -45	2015-03		2	INSULATOR (V55285) 843-9005-010		1
R -47	628-9576-001		2	HEATSINK		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



RMI/Power Supply/Audio Circuit Card A3
Figure 31 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DE N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31-1A	646-8203-004		1	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53D FOR NHA)	A,B,C,D E,F,G,H J,K,L,M N,P,Q,R S,T,U,V W,X,AA AB,AC,AD AE,AF,AG AH,AJ,AK AL,AR,AS AT,AU,AV AW,AX Z,AZ	RF
R -1B	646-8203-006		1	CIRCUIT CARD, RMI/POWER SUPPLY/AUDIO A3 (SEE FIG 2-53E FOR NHA)		RF
R 3	HG5X000D9R000F		2	RESISTOR, FIXED WW, 9 OHMS, PORM1%, 15W (V91637) 747-8156-040 A3R301 A3R302 A3R303 A3R304 ATTACHING PARTS		4
R -5	68-1660-26		2	NUT, SLFLKG, HEX AL, 2-56 (V72962) 333-0604-000		8
R -7	MS51959-3		2	SCREW, MACHINE CRES, 2-56 X 1/4 (V96906) 342-0133-000 -----		8
R 9	64906		2	TRANSISTOR (V34371) 352-1006-020 A3Q301 A3Q303		2
R 11	64903		2	TRANSISTOR (V02735) 352-1005-020 A3Q302 A3Q304 ATTACHING PARTS		2
R -13	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		8
R -15	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		8
R -17	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		4
R -19	43-03-8		2	INSULATOR, PL (V13103) 352-9605-140		4
R -21	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 -----		8
R 23	LM120K12		2	MICROCIRCUIT VOLT REGULATOR (V27014) 351-1218-020 A3U2305 ATTACHING PARTS		1
R -25	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		2
R -27	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
R -29	NAS620C4L		2	WASHER, FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
R -31	2015-03		2	INSULATOR (V55285) 843-9005-010		1
R -33	MS51957-16		2	SCREW, MACHINE STL, 4-40 X 7/16 (V96906) 343-0136-000 -----		2
R 35	LT1083MK		2	MICROCIRCUIT (ESDS) (V64155) 835-0085-220 A3U2301 ATTACHING PARTS		1
R -37	NAS671C4		2	NUT, PLAIN, HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		2
R -39	4704-04-01-4102		2	WASHER, LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		2
R -41	547-8177-017		2	BUSHING, INSULATED		1
R -43	4007-8HTD		2	TERMINAL, LUG (V77147) 304-0017-000		1
R -45	2015-03		2	INSULATOR (V55285) 843-9005-010		1
R -47	628-9576-001		2	HEATSINK		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31-49	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
R -51	MS51957-17		2	SCREW,MACHINE STL, 4-40 X 1/2 (V96906) 343-0137-000 -----		1
R 53	280-2745-010		2	LABEL, ESDS WARNING (V12998) (ADDED)		1
R 55	LM117H		2	MICROCIRCUIT (V64155) 351-1271-020 A3U2303 ATTACHING PARTS		1
R -57	MS51957-3		2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		1
R -59	302-4800-000		2	WASHER,NM FBR, 0.116ID X 1/4 OD 302-4800-000 is REF No. for V74921 FBR0-116IDX1-40D		1
R -61	310-0468-020		2	WASHER,SPRING,CURVE SST, 0.124 ID X 0.245 OD (V70318)		1
R -63	MS15795-803		2	WASHER,FLAT CRES, 0.125ID X 0.250 OD (V96906) 310-0779-030		1
R -65	628-9577-001		2	HEATSINK		1
R -67	MW425-120		2	INSULATOR,WASHER MICA, 0.120 ID X 0.425 OD (V08289) 302-0640-100		1
R -69	TXB2P032-025B		2	HEATSINK (V98978) 352-9984-030 -----		1
R 71	SG120T8		2	INTEGRATED CIRCUIT VOLT REGULATOR (V34333) 351-1218-050 A3U2304 ATTACHING PARTS		1
R -73	MS51957-3		2	SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		1
R -75	302-4800-000		2	WASHER,NM FBR, 0.116ID X 1/4 OD 302-4800-000 is REF No. for V74921 FBR0-116IDX1-40D		1
R -77	6483-1R		2	HEATSINK (V98978) 352-9604-030 -----		1
R 79	MJE700		2	TRANSISTOR (V04713) 352-1082-010 A3Q2301		1
R 80	2N4923		2	TRANSISTOR (V27014) 352-0782-030 A3Q2401		1
R 81	MJE800		2	TRANSISTOR (V04713) 352-1083-010 A3Q2302 ATTACHING PARTS		1
R -83	NAS671C4		2	NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		3
R -85	4704-04-01-4102		2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		3
R -87	7403-09FR60		2	INSULATOR (V55285) 352-9105-170		3
R -89	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		3
R -91	330-1716-160		2	SCREW,SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN -----		3
R 93	628-8210-001		2	CHASSIS ATTACHING PARTS		1
R -95	MS51957-13		2	SCREW,MACHINE STL, 4-40 X 1/4 (V96906) 343-0133-000		5
R -97	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200 -----		5
R 99	M63540-1-6C		3	STUD,SELF-CL SST, 4-40 X 1/4 (V81349) 330-1717-010		2
R 101	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000		20
R 103	628-8210-002		2	CHASSIS		1
R 105	629-6957-003		2	STIFFENER, CHASSIS		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q U A N T I T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
31				ATTACHING PARTS		
R -107	MS51959-14		2	SCREW,MACHINE CRES, 0.112-40 X 0.31 (V96906) 342-0045-000		4
R 109	635-5563-003		2	STIFFENER		1
R -111	MS51957-14		2	ATTACHING PARTS SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		2
R -113	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		2
R 115	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000		2
R 117	635-5563-004		3	STIFFENER		1
R 119	641-0482-001		2	STIFFENER		1
R -121	MS51957-14		2	ATTACHING PARTS SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		2
R -123	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		2
R 125	M45938-5-3		3	NUT,SLFLKG,CLINCH CD PL STL, 4-40 (V81349) 333-0839-000		5
R 127	641-0482-002		3	STIFFENER		1
R 129	2N4920		2	TRANSISTOR (V04713) 352-0780-070 A3Q2402		1
R -131	NAS671C4		2	ATTACHING PARTS NUT,PLAIN,HEXAGON CD PL STL, 0.112-40 (V80205) 313-0132-000		1
R -133	4704-04-01-4102		2	WASHER,LOCK SST, 0.124 ID X 0.275 OD (V78189) 373-0154-000		1
R -135	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
R -137	330-1716-160		2	SCREW,SLFLKG SST, 4-40 X 3/8 330-1716-160 is REF No. for V56878 PSVTCRES112-40X375IN		1
R 139	ER499		2	TRANSFORMER,AUDIO (V80223) 677-0035-000 A3T2301 A3T2302		2
R 141	6009-8A		2	CLIP, COMPONENT (V91506) 139-2336-000		2
R -143	MS16535-76		2	ATTACHING PARTS RIVET,TUBULAR AL, 0.089 DIA X 0.125 (V96906) 305-1755-000		2
R 145	638-2883-001		2	PLATE,MTG		1
R -147	MS51957-14		2	ATTACHING PARTS SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		4
R -149	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		1
R -151	NAS620C5		2	WASHER,FLAT PSVT CRES, 0.128 ID X 0.238 OD (V80205) 310-0740-320		3
R -153	8109A0440-16		2	POST,ELEC-MECH (V06540) 540-9049-003		3
R 155	17665		2	INDUCTOR 314UH (V07388) 668-0165-010 A3L2301		1
R -157	MS51957-14		2	ATTACHING PARTS SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		1
R 159	572-4878-1-0516		2	TERMINAL, INSULATED, STANDOFF (V71279) 306-2293-000		3

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
31				ATTACHING PARTS		
R -161	MS51957-2		2	SCREW,MACHINE SST, 2-56 X 3/16 (V96906) 343-0123-000		3
R -163	MS35338-134		2	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000		3
R -165	634		2	TERMINAL, LUG (V79963) 304-0014-000		2
R 167	LM137H		2	MICROCIRCUIT (ESDS) (V27014) 351-1345-020 A3U2309		1
R 169	618-4921-231		2	MICROCIRCUIT A3U2308		1
R -171	MS51957-12		2	ATTACHING PARTS SCREW,MACHINE STL, 4-40 X 3/16 (V96906) 343-0132-000		2
R -173	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		2
R -175	TXB3-032-037R		2	HEATSINK (V98978) 352-9604-010		2
R 177	642-4225-002		2	CIRCUIT CARD ASSY (ESDS) A25 (SEE FIG 25)		1
R -179	MS51957-14		2	ATTACHING PARTS SCREW,MACHINE SST, 4-40 X 5/16 (V96906) 343-0134-000		5
R -181	MS51957-15		2	SCREW,MACHINE STL, 4-40 X 3/8 (V96906) 343-0135-000		2
R -183	NAS620C4L		2	WASHER,FLAT PSVT CRES, 0.115 ID X 0.209 OD (V80205) 310-0740-200		7
R -185	546-3039-003		2	WASHER, FLAT		3
R -187	8106A0440-16		2	POST (V06540) 540-9041-003		2
R 189	600D157G050DL5		2	CAPACITOR,FIXED ELCTLT, 150UF, P75%M10%, 50V (V56289) 183-1277-010 A32325 A3C2324		2
R 191	600D706G040DE5		2	CAPACITOR,FIXED ELCTLT, 70UF, P75%M10%, 40V (V56289) 183-1277-290 A3C2401		1
R 193	600D107G050DJ5		2	CAPACITOR,FIXED ELCTLT, 100UF, P75%M10%, 50V (V56289) 183-1277-350 A3C2311		1
R 195	M39018-03-0756		2	CAPACITOR,FIXED ELCTLT, 150UF, P50%M10%, 100VDC (V81349) 184-5102-220 A3C2320		1
R 197	M39003-03-0133		2	CAPACITOR,FIXED ELCTLT, 4.7UF, 20%, 15V (V81349) 184-6329-300 A3C301		1
R 199	M39003-01-2254		2	CAPACITOR,FIXED ELCTLT, 4.7UF, 10%, 10V (V81349) 184-9086-140 A3C314		1
R 201	M39003-01-2265		2	CAPACITOR,FIXED ELCTLT, 220UF, 10%, 10V (V81349) 184-9086-250 A3C302 A3C313		2
R 203	M39003-01-2269		2	CAPACITOR,FIXED ELCTLT, 3.3UF, 20%, 15V (V81349) 184-9086-290 A3C2315 A3C2316 A3C2317 A3C2318		4
R 205	M39003-01-2280		2	CAPACITOR,FIXED ELCTLT, 1.5UF, 10%, 20V (V81349) 184-9086-400 A3C2303 A3C2304 A3C2305		3
R 207	M39003-01-2289		2	CAPACITOR,FIXED ELCTLT, 15UF, 10%, 20V (V81349) 184-9086-490 A3C2301 A3C2302 A3C2403 A3C315		4
R 209	M39003-01-2299		2	CAPACITOR,FIXED ELCTLT, 68UF, 20%, 20V (V81349) 184-9086-590 A3C2402		1
R 211	M39003-01-2306		2	CAPACITOR,FIXED ELCTLT, 22UF, 10%, 35V (V81349) 184-9086-660 A3C2308		1
R 213	M39003-01-2312		2	CAPACITOR,FIXED ELCTLT, 47UF, 10%, 35V (V81349) 184-9086-720 A3C2309		1
R 215	M39003-01-2356		2	CAPACITOR,FIXED ELCTLT, 1UF, 10%, 50V (V81349) 184-9087-430 A3C309 A3C311 A3C312		3
R 217	540AG10D		2	SOCKET, IC (V91506) 220-0067-110 A3XU340		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31 219	290-9606-000M21		2	CRYSTAL UNIT,QTZ 3.200000MHZ (V00136) 290-9606-000 A3Y301		1
R 221	698-3R10KD		2	RESISTOR NETWORK SIP, 10K, 0.5%, 0.7W (ESDS) (V73138) 350-4009-040 A3U309		1
R 223	314A103		2	RESISTOR NETWORK DUAL-IN-LINE, 10K OHMS, 2%, 1.25W PKG (ESDS) (V01121) 350-4027-120 A3U322		1
R 225	316B221		2	RESISTOR,NETWORK DIP, 220 OHMS, 5%, 1.25W PKG (ESDS) (V01121) 350-4030-160 A3U318		1
R 227	MPQ6001		2	INTEGRATED CIRCUIT TRANSISTOR ARRAY (ESDS) (V04713) 351-0053-010 A3U319		1
R 229	CA0723T21		2	INTEGRATED CIRCUIT V RLTR (V02735) 351-1035-010 A3U2307		1
R 231	MC1536U		2	MICROCIRCUIT (ESDS) (V04713) 351-1112-030 A3U307 A3U308		2
R 233	LM565H		2	INTEGRATED CIRCUIT PHASE LOCKED LOOP (V27014) 351-1114-030 A3U301		1
R 235	MC3302N		2	INTEGRATED CIRCUIT COMPARATOR (V18324) 351-1122-040 A3U2306		1
R 237	MP7533AD		2	MICROCIRCUIT (ESDS) (V54186) 351-1159-030 A3U320 A3U321 A3U325 A3U326		4
R 239	MP7533BD		2	INTEGRATED CIRCUIT CONVERTER (ESDS) (V54186) 351-1159-040 A3U313 A3U314		2
R 241	MC1741U		2	MICROCIRCUIT (ESDS) (V04713) 351-1261-010 A3U311 A3U312		2
R 243	LM148J		2	INTEGRATED CIRCUIT AMPLIFIER, OPRTNL (V27014) 351-1262-020 A3U304 A3U305 A3U310 A3U315 A3U317		5
R 245	MC1558U		2	INTEGRATED CIRCUIT AMPLIFIER (ESDS) (V04713) 351-1286-010 A3U306		1
R 247	MC1558U		2	MICROCIRCUIT (ESDS) (V04713) 351-1286-050 A3U2401 A3U341		2
R 249	PBF5542		2	MICROCIRCUIT (ESDS) (V12050) 351-2422-010 A3FL2401		1
R 251	CD4020BF		2	INTEGRATED CIRCUIT (ESDS) (V02735) 351-8161-010 A3U302		1
R 253	CD4040BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8177-010 A3U333		1
R 255	MC14508BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8180-010 A3U331 A3U332 A3U336		3
R 257	CD4015BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8189-010 A3U303		1
R 259	CD4049UBF		2	MICROCIRCUIT (ESDS) (V02735) 351-8197-010 A3U329		1
R 261	CD4042BF		2	MICROCIRCUIT (ESDS) (V02735) 351-8201-030 A3U334		1
R 263	MC14053BAL		2	INTEGRATED CIRCUIT ANALOG MUX (ESDS) (V04713) 351-8236-040 A3U316 A3U323		2
R 265	CD4028BMJ		2	INTEGRATED CIRCUIT DECODER (ESDS) (V27014) 351-8273-010 A3U338		1
R 267	CD54HC32F		2	MICROCIRCUIT (ESDS) (V02735) 351-8804-130 A3U330		1
R 269	MC14502BAL		2	MICROCIRCUIT (ESDS) (V04713) 351-8334-010 A3U335		1
R 271	CDP1824D		2	MICROCIRCUIT (ESDS) (V02735) 351-8507-020 A3U337		1
R 273	2N2907A		2	TRANSISTOR (V04713) 352-0551-010 A3Q2304		1
R 275	2N2608		2	TRANSISTOR (ESDS) (V22229) 352-0605-010 A3Q305		1
R 277	2N2222A		2	TRANSISTOR (ESDS) (V49956) 352-0661-020 A3Q2303		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31 279	1N758A		2	SEMICOND DEVICE (V14433) 353-2724-000 A3VR302		1
R 281	1N973B1		2	DIODE (V12954) 353-3184-000 A3VR2401		1
R 283	1N4454-1		2	DIODE (V12969) 353-3644-010 A3CR2303 A3CR2304 A3CR2305 A3CR2306 A3CR301 A3CR304 A3CR305 A3CR306		8
R 285	UT1519		2	SEMICOND DEVICE (V12969) 353-3718-070 A3CR2308 A3CR2309		2
R 287	1N4005GP		2	SEMICOND DEVICE (V14433) 353-6442-050 A3CR2307		1
R 289	1N5614		2	DIODE (V12969) 353-6556-010 A3CR2301 A3CR2302		2
R 291	JANTX1N4616		2	SEMICOND DEVICE (V81350) 353-9039-020 A3VR2301		1
R 293	534236-8		2	CONNECTOR, RCPT (V00779) 372-0033-020 A3J301 A3J303		2
R 295	87478-8		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-530 A3J1402		1
R 297	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		16
R 299	RJ24CX201		2	RESISTOR,VARIABLE NONWIRE-WOUND, 200 OHMS, 10%, 1/2W (V32997) 380-1080-390 A3R2309		1
R 301	647-6472-001		2	TERMINAL A3W1 A3W2 A3W3 A3W4		4
R 303	42394		2	TRANSFORMER, AUD (V73386) 667-0298-010 A3T2401		1
R 305	RN55D2490F		2	RESISTOR, FIXED FILM, 249 OHMS, 1%, 1/8W (V81349) 705-0967-000 A3R2306		1
R 307	RN55D3480F		2	RESISTOR, FIXED FILM, 348 OHMS, 1%, 1/8W (V81349) 705-0974-000 A3R2303 A3R2307		2
R 309	RN55D5620F		2	RESISTOR, FIXED FILM, 562 OHMS, 1%, 1/8W (V81349) 705-0984-000 A3R2321		1
R 311	RN55D6810F		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 1/8W (V81349) 705-0988-000 A3R325		1
R 313	RN55D9530F		2	RESISTOR, FIXED FILM, 953 OHMS, 1%, 1/8W (V81349) 705-0995-000 A3R2308		1
R 315	RN55D1001F		2	RESISTOR, FIXED FILM, 1K, 1%, 1/8W (V81349) 705-0996-000 A3R3006 A3R3008		2
R 317	RN55D1101F		2	RESISTOR, FIXED FILM, 1.1K, 1%, 1/8W (V81349) 705-0998-000 A3R2304 A3R317		2
R 319	RN55D2371F		2	RESISTOR, FIXED FILM, 2.37K, 1%, 1/8W (V81349) 705-1014-000 A3R396		1
R 321	RN55D2741F		2	RESISTOR, FIXED FILM, 2.74K, 1%, 1/8W (V81349) 705-1017-000 A3R321		1
R 323	RN55D1002F		2	RESISTOR, FIXED FILM, 10K, 1%, 1/8W (V81349) 705-1044-000 A3R2402 A3R2403 A3R3010 A3R327 A3R359 A3R362 A3R365 A3R366 A3R367 A3R373		10
R 325	RN55D1102F		2	RESISTOR, FIXED FILM, 11K, 1%, 1/8W (V81349) 705-1046-000 A3R361		1
R 327	RN55D1782F		2	RESISTOR, FIXED FILM, 17.8K, 1%, 1/8W (V81349) 705-1056-000 A3R2319		1
R 329	RN55D1962F		2	RESISTOR, FIXED FILM, 19.6K, 1%, 1/8W (V81349) 705-1058-000 A3R313 A3R316		2
R 331	RN55D3482F		2	RESISTOR, FIXED FILM, 34.8K, 1%, 1/8W (V81349) 705-1070-000 A3R310 A3R315		2
R 333	RN55D4022F		2	RESISTOR, FIXED FILM, 40.2K, 1%, 1/8W (V81349) 705-1073-000 A3R3013		1
R 335	RN55D1003F		2	RESISTOR, FIXED FILM, 100K, 1%, 1/8W (V81349) 705-1092-000 A3R3009 A3R309 A3R312 A3R320 A3R326		5
R 337	RN55D4990F		2	RESISTOR, FIXED FILM, 499 OHMS, 1%, 1/8W (V81349) 705-3600-820 A3R318		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN VENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31 339	RN55D2101F		2	RESISTOR, FIXED FILM, 2.1K, 1%, 1/8W (V81349) 705-3605-150 A3R2305		1
R 341	RN55D4991F		2	RESISTOR, FIXED FILM, 4.99K, 1%, 1/8W (V81349) 705-3605-330 A3R324 A3R363		2
R 343	RN55D9761F		2	RESISTOR, FIXED FILM, 9.76K, 1%, 1/8W (V81349) 705-3605-470 A3R2320		1
R 345	RN55D2002F		2	RESISTOR, FIXED FILM, 20K, 1%, 1/8W (V81349) 705-3605-620 A3R3011		1
R 347	RN55D2322F		2	RESISTOR, FIXED FILM, 23.2K, 1%, 1/8W (V81349) 705-3605-650 A3R311 A3R314		2
R 349	RN55D3402F		2	RESISTOR, FIXED FILM, 34K, 1%, 1/8W (V81349) 705-3605-730 A3R3007		1
R 351	RN55D3572F		2	RESISTOR, FIXED FILM, 35.7K, 1%, 1/8W (V81349) 705-3605-740 A3R2322		1
R 353	RN55D4992F		2	RESISTOR, FIXED FILM, 49.9K, 1%, 1/8W (V81349) 705-3605-810 A3R3012 A3R360		2
R 355	RN55E1721B		2	RESISTOR, FIXED FILM, 1.72K, 0.1%, 1/10W (V81349) 705-5973-980 A3R349 A3R351		2
R 357	RN55E2001B		2	RESISTOR, FIXED FILM, 2K, 0.1%, 1/10W (V81349) 705-5974-120 A3R377 A3R381		2
R 359	RN55E3831B		2	RESISTOR, FIXED FILM, 3.83K, 0.1%, 1/10W (V81349) 705-5974-660 A3R352 A3R354		2
R 361	RN55E4991B		2	RESISTOR, FIXED FILM, 4.99K, 0.1%, 1/10W (V81349) 705-5974-880 A3R3004 A3R3005 A3R348 A3R350		4
R 363	RN55E6811B		2	RESISTOR, FIXED FILM, 6.81K, 0.1%, 1/10W (V81349) 705-5975-150 A3R340 A3R341 A3R346 A3R347		4
R 365	RN55E1002B		2	RESISTOR, FIXED FILM, 10K, 0.1%, 1/10W (V81349) 705-5975-470 A3R342 A3R344 A3R380		3
R 367	RN55E1182B		2	RESISTOR, FIXED FILM, 11.8K, 0.1%, 1/10W (V81349) 705-5975-610 A3R343 A3R345		2
R 369	RN55E1372B		2	RESISTOR, FIXED FILM, 13.7K, 0.1%, 1/10W (V81349) 705-5975-730 A3R336		1
R 371	RN55E1502B		2	RESISTOR, FIXED FILM, 15K, 0.1%, 1/10W (V81349) 705-5975-810 A3R383 A3R385		2
R 373	RN55E1622B		2	RESISTOR, FIXED FILM, 16.2K, 0.1%, 1/10W (V81349) 705-5975-870 A3R330 A3R333		2
R 375	RN55E1872B		2	RESISTOR, FIXED FILM, 18.7K, 0.1%, 1/10W (V81349) 705-5975-990 A3R328 A3R334		2
R 377	RN55E2002B		2	RESISTOR, FIXED FILM, 20K, 0.1%, 1/10W (V81349) 705-5976-060 A3R378 A3R379		2
R 379	RN55E2612B		2	RESISTOR, FIXED FILM, 26.1K, 0.1%, 1/10W (V81349) 705-5976-280 A3R353 A3R355		2
R 381	RN55E2742B		2	RESISTOR, FIXED FILM, 27.4K, 0.1%, 1/10W (V81349) 705-5976-320 A3R335		1
R 383	RN55E3012B		2	RESISTOR, FIXED FILM, 30.1K, 0.1%, 1/10W (V81349) 705-5976-400 A3R3002 A3R3003		2
R 385	RN55E3242B		2	RESISTOR, FIXED FILM, 32.4K, 0.1%, 1/10W (V81349) 705-5976-460 A3R329		1
R 387	RN55E3742B		2	RESISTOR, FIXED FILM, 37.4K, 0.1%, 1/10W (V81349) 705-5976-580 A3R331 A3R337		2
R 389	RN55E4752B		2	RESISTOR, FIXED FILM, 47.5K, 0.1%, 1/10W (V81349) 705-5976-780 A3R338 A3R339		2
R 391	RN55E5112B		2	RESISTOR, FIXED FILM, 51.1K, 0.1%, 1/10W (V81349) 705-5976-840 A3R332		1
R 393	RN55E8662B		2	RESISTOR, FIXED FILM, 86.6K, 0.1%, 1/10W (V81349) 705-5977-290 A3R382 A3R384		2
R 395	RCR07G470KS		2	RESISTOR, FIXED CMPSN, 47 OHMS, 10%, 1/4W (V81349) 745-0701-000 A3R2404		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31 397	RCR07G101KS		2	RESISTOR, FIXED CMPSN, 100 OHMS, 10%, 1/4W (V81349) 745-0713-000 A3R390		1
R 399	RCR07G471KS		2	RESISTOR, FIXED CMPSN, 470 OHMS, 10%, 1/4W (V81349) 745-0737-000 A3R368 A3R374		2
R 401	RCR07G122KS		2	RESISTOR, FIXED CMPSN, 1.2K, 10%, 1/4W (V81349) 745-0752-000 A3R369 A3R370 A3R371 A3R372		4
R 403	RCR07G472KS		2	RESISTOR, FIXED CMPSN, 4.7K, 10%, 1/4W (V81349) 745-0773-000 A3R2310 A3R2311 A3R2312 A3R319 A3R357 A3R376		6
R 405	RCR07G103KS		2	RESISTOR, FIXED CMPSN, 10K, 10%, 1/4W (V81349) 745-0785-000 A3R2314 A3R2315 A3R2316		3
R 407	RCR07G273KS		2	RESISTOR, FIXED CMPSN, 27K, 10%, 1/4W (V81349) 745-0800-000 A3R386		1
R 409	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 A3R3022 A3R3023	Z.	2
R 411	RCR07G473KS		2	RESISTOR, FIXED CMPSN, 47K, 10%, 1/4W (V81349) 745-0809-000 A3R2317 A3R2318 A3R356		3
R 413	RCR07G104KS		2	RESISTOR, FIXED CMPSN, 0.10MEGO, 10%, 1/4W (V81349) 745-0821-000 A3R364 A3R375 A3R392		3
R 415	RCR07G474KS		2	RESISTOR, FIXED CMPSN, 0.47MEGO, 10%, 1/4W (V81349) 745-0845-000 A3R393 A3R394 A3R395		3
R 417	RCR07G106KS		2	RESISTOR, FIXED CMPSN, 10MEGO, 10%, 1/4W (V81349) 745-0893-000 A3R391		1
R 419	RCR05G270KS		2	RESISTOR, FIXED CMPSN, 27 OHMS, 10%, 1/8W (V81349) 745-2283-000 A3R305 A3R306 A3R307 A3R308		4
R 421	RCR05G563KS		2	RESISTOR, FIXED CMPSN, 56K, 10%, 1/8W (V81349) 745-2404-000 A3R3014 A3R3015 A3R3016 A3R3017 A3R3018 A3R3019 A3R3020 A3R3021		8
R 423	RWR81SR121FR		2	RESISTOR, FIXED, WW, 0.121 OHMS, 1%, 1W (V01686) 747-2178-090 A3R3001		1
R 425	RWR89SR100FM		2	RESISTOR, FIXED WW, 0.100 OHMS, 1%, 3W (V01686) 747-2180-010 A3R2313		1
R 427	RW69V181		2	RESISTOR, FIXED WW, 180.0 OHMS, 5%, 3W (ESDS) (V01686) 747-5345-000 A3R2401		1
R 429	RW67V4R7		2	RESISTOR, FxD WW, 4.7 OHMS, 5%, 6.5W (V01686) 747-5485-000 A3R2301		1
R 431	RW67VR51		2	RESISTOR, FIXED WW, 0.51 OHMS, 10%, 6.5W (V81349) 747-5553-000 A3R2302		1
R 433	2C20Z5U105M050B		2	CAPACITOR, FxD CER DIEL, 1UF, 20%, 50V (V56289) 913-3279-270 A3C2312 A3C2313 A3C324		3
R 435	913-3281-710		2	CAPACITOR, FIXED CER DIEL, 1000PF, 5%, 100VDC 913-3281-710 is REF No. for V72982 RPE122C0G102J100V A3C317		1
R 437	CK05BX101K		2	CAPACITOR, FIXED CER DIEL, 100PF, 10%, 200V (V81349) 913-4006-000 A3C2321		1
R 439	923CX7R103K100B		2	CAPACITOR, FIXED, CER DIEL, 0.010UF, 10%, 100V (V56289) 913-3325-420 A3C2307 A3C2326 A3C303 A3C304 A3C305 A3C306 A3C310 A3C316 A3C318 A3C325		10
R 441	923CX7R104K050B		2	CAPACITOR, FIXED, CER DIEL, 0.1UF, 10%, 50VDC (V56289) 913-3325-470 A3A3C322 A3C319 A3C320 A3C321 A3C323 A3C326		6

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IDENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 31 443	MD011C223KAA		2	CAPACITOR, FIXED CER DIELECTRIC, 0.022UF, 10%, 100VDC (V04222) 913-3325-720 A3C2314 A3C2319		2
R 445	MD021C473KAA		2	CAPACITOR, FIXED CER DIELECTRIC, 0.047UF, 10%, 100VDC (V04222) 913-3325-740 A3C2404		1
R 447	MD021C104KAA		2	CAPACITOR, FIXED CER DIELECTRIC, 0.1UF, 10%, 100VDC (V04222) 913-3325-750 A3C2310 A3C2322 A3C2323 A3C307 A3C308		5
R 449	3386P1-502		2	RESISTOR, VAR 5000 OHMS, 10% (V80294) 382-0051-070 A3C2405		1
R 451	3386P1-103		2	RESISTOR, VAR 10K, 10% (V80294) 382-0051-080 A3C323		1
R 453	652-5961-001		2	INTEGRATED CIRCUIT A3U340		1
R -455	CDP1802AD3		3	MICROCIRCUIT (ESDS) (V02735) 351-8454-020		1
R 457	372-2601-033		2	CONTACT, ELECTRICAL (V13499)		21
R 459	76046-001		2	TERMINAL, TEST POINT (V22526) 306-2721-010		1
R 461	RN55D2430F		2	RESISTOR, FIXED FILM, 243 OHMS, 1%, 1/8W (V81349) 705-3600-670 A3R2323		1
R 463	RN55D4421F		2	RESISTOR, FIXED FILM, 4.42K, 1%, 1/8W (V81349) 705-1027-000 A3R2324		1
R 465	RN55D1210F		2	RESISTOR, FIXED FILM, 121 OHMS, 1%, 1/8W (V81349) 705-0952-000 A3R2325		1
R 467	RN55D2151F		2	RESISTOR, FIXED FILM, 2.15K, 1%, 1/8W (V81349) 705-1012-000 A3R2326		1
R 469	CK06BX104K		2	CAPACITOR, FIXED CER DIELECTRIC, 100000PF, 10%, 100VDC (V81349) 913-5019-440 A3C2327 A3C2328		2
R 471	M39003-01-2295		2	CAPACITOR, FIXED ELECTROLYTIC, 47UF, 10%, 20V (V81349) 184-9086-550 A3C2405	Z, AZ	1
R 473	638-3049-003		2	INTEGRATED CKT SINE COSINE PROM A3U339		1
R -475	53S881J883B		3	MICROCIRCUIT (ESDS) (V34335) 351-1957-010		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
C1	A-6	191	C34	H-3	249	C78	G-8	253	P1	A-1	107	R27	G-7	
C10	A-1	249	C35	H-4	195	C79	G-8	253	Q1	A-7	91	R28	G-7	
C100	C-10	193	C36	H-4	249	C8	A-7	249	Q10	G-9	95	R29	E-9	
C102	E-10	205	C37	E-10	209	C80	G-7	253	Q11	G-8	95	R3	B-6	
C103	E-10	203	C38	E-10	207	C81	F-10	253	Q12	G-7	95	R30	G-8	
C107	G-9	197	C39	F-9	209	C82	H-5	205	Q2	A-6	99	R31	G-8	
C108	G-9	205	C4	A-6	223	C83	H-5	205	Q3	B-4	99	R32	G-7	
C109	G-10	205	C40	E-10	203	C84	G-3	243	Q4	B-3	97	R33	G-6	
C11	A-5	249	C41	E-10	203	C85	H-2	249	Q5	B-3	97	R34	F-6	
C110	G-6	205	C42	F-10	249	C86	G-2	205	Q6	B-5	99	R35	G-6	
C111	G-6	205	C43	F-9	203	C87	G-3	255	Q7	B-5	99	R36	G-6	
C112	C-9	249	C44	G-8	203	C88	G-2	197	Q8	E-10	95	R37	G-6	
C113	F-5	245	C45	G-8	203	C89	F-2	201	Q9	F-10	93	R38	G-5	
C114	G-1	201	C46	F-10	185	C9	A-1	249	R1	B-5	119	R39	F-6	
C115	B-10	249	C47	F-10	189	C90	G-1	201	R10	B-4	119	R4	B-6	
C116	F-10	247	C48	G-9	185	C92	G-6	205	R100	F-2	119	R40	G-6	
C117	F-10	247	C49	G-9	189	C93	G-2	205	R101	G-6	119	R41	F-9	
C118	G-9	247	C5	B-6	249	C94	F-2	205	R102	G-10	145	R42	F-5	
C119	G-9	247	C50	G-8	185	C95	F-1	205	R103	G-9	119	R43	G-6	
C12	A-5	249	C51	G-8	189	C96	G-2	205	R104	G-9	165	R44	G-2	
C120	G-7	247	C52	G-7	185	C97	G-5	205	R105	G-10	137	R45	G-2	
C121	G-7	247	C53	G-7	189	C98	G-2	205	R106	H-10	129	R46	G-2	
C122	G-8	247	C54	F-10	191	C99	C-10	249	R107	A-5	163	R47	F-2	
C123	G-8	247	C55	F-10	203	CR1	A-6	101	R108	A-5	163	R48	F-2	
C124	A-3	261	C56	G-10	203	CR2	G-7	105	R109	G-6	163	R49	F-2	
C13	G-1	197	C57	G-9	203	CR3	G-6	105	R11	B-3	119	R5	B-6	
C14	C-10	257	C58	G-8	191	CR4	G-2	103	R110	H-6	157	R50	F-2	
C15	C-10	243	C59	G-8	203	CR5	G-9	103	R111	G-7	157	R51	F-2	
C16	C-10	209	C6	B-7	249	CR6	G-8	105	R112	F-6	145	R52	F-2	
C17	C-10	249	C60	G-7	191	FL1	C-10	85	R113	H-1	263	R53	F-2	
C18	C-10	193	C61	G-7	203	J1401	F-1	109	R114	I-1	265	R54	E-2	
C19	E-1	197	C62	F-10	191	L1	A-6	241	R115	I-2	267	R55	G-2	
C2	B-6	193	C63	G-9	191	L10	F-10	229	R12	A-5	177	R56	G-2	
C20	E-1	199	C64	E-10	203	L11	F-10	235	R13	G-7	147	R57	H-2	
C21	F-1	197	C65	G-8	203	L12	G-8	235	R14	A-5	177	R58	H-2	
C22	E-1	197	C66	G-8	203	L13	G-8	235	R15	A-5	135	R59	G-2	
C23	B-9	249	C67	G-7	203	L14	G-7	235	R16	B-3	119	R6	A-7	
C24	A-7	249	C68	G-7	203	L15	H-5	231	R17	B-2	163	R60	G-2	
C25	A-7	249	C69	G-6	251	L16	E-10	233	R18	B-3	145	R61	F-1	
C26	A-6	249	C7	A-7	217	L2	A-6	241	R19	E-9	167	R62	E-1	
C27	A-5	249	C70	G-6	189	L3	B-1	225	R2	B-5	119	R63	F-1	
C28	F-9	249	C71	F-6	189	L4	C-10	79	R20	E-10	125	R64	F-1	
C29	F-9	249	C72	G-6	245	L5	B-10	227	R21	F-9	167	R65	G-9	
C3	A-6	249	C73	G-6	189	L6	F-9	227	R22	G-9	167	R66	G-9	
C30	G-10	249	C74	G-6	201	L7	G-10	227	R23	G-8	167	R67	G-7	
C31	G-7	203	C75	G-6	195	L8	H-7	233	R24	F-10	125	R68	E-2	
C32	H-6	205	C76	G-6	197	L9	E-10	81	R25	G-9	125	R69	F-1	
C33	H-3	203	C77	F-6	197	L95	C-10	227	R26	G-8	125	R7	A-7	

* DESIGNATES BACKSIDE COMPONENTS.

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

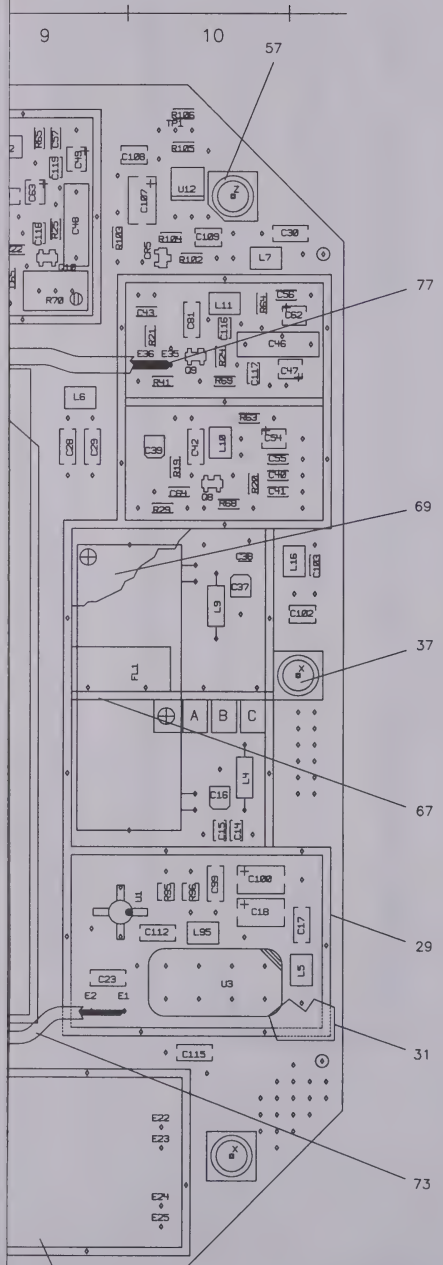
REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
C1	A-6	191	C34	H-3	249	C78	G-8	253	P1	A-1	107	R27	G-7	125	R70	G-9	115
C10	A-1	249	C35	H-4	195	C79	G-8	253	Q1	A-7	91	R28	G-7	167	R71	G-8	145
C100	C-10	193	C36	H-4	249	C8	A-7	249	Q10	G-9	95	R29	E-9	119	R72	G-7	145
C102	E-10	205	C37	E-10	209	C80	G-7	253	Q11	G-8	95	R3	B-6	167	R73	G-6	133
C103	E-10	203	C38	E-10	207	C81	F-10	253	Q12	G-7	95	R30	G-8	119	R74	G-6	171
C107	G-9	197	C39	F-9	209	C82	H-5	205	Q2	A-6	99	R31	G-8	119	R75	F-7	143
C108	G-9	205	C4	A-6	223	C83	H-5	205	Q3	B-4	99	R32	G-7	159	R76	G-3	145
C109	G-10	205	C40	E-10	203	C84	G-3	243	Q4	B-3	97	R33	G-6	163	R77	G-2	143
C11	A-5	249	C41	E-10	203	C85	H-2	249	Q5	B-3	97	R34	F-6	161	R78	F-2	145
C110	G-6	205	C42	F-10	249	C86	G-2	205	Q6	B-5	99	R35	G-6	151	R79	G-2	163
C111	G-6	205	C43	F-9	203	C87	G-3	255	Q7	B-5	99	R36	G-6	165	R8	A-6	139
C112	C-9	249	C44	G-8	203	C88	G-2	197	Q8	E-10	95	R37	G-6	125	R80	F-2	155
C113	F-5	245	C45	G-8	203	C89	F-2	201	Q9	F-10	93	R38	G-5	119	R81	F-1	149
C114	G-1	201	C46	F-10	185	C9	A-1	249	R1	B-5	119	R39	F-6	163	R82	G-6	129
C115	B-10	249	C47	F-10	189	C90	G-1	201	R10	B-4	119	R4	B-6	125	R83	G-5	171
C116	F-10	247	C48	G-9	185	C92	G-6	205	R100	F-2	119	R40	G-6	163	R84	H-6	161
C117	F-10	247	C49	G-9	189	C93	G-2	205	R101	G-6	119	R41	F-9	119	R85	G-1	127
C118	G-9	247	C5	B-6	249	C94	F-2	205	R102	G-10	145	R42	F-5	163	R86	G-1	141
C119	G-9	247	C50	G-8	185	C95	F-1	205	R103	G-9	119	R43	G-6	119	R87	F-1	153
C12	A-5	249	C51	G-8	189	C96	G-2	205	R104	G-9	165	R44	G-2	125	R88	F-1	163
C120	G-7	247	C52	G-7	185	C97	G-5	205	R105	G-10	137	R45	G-2	163	R89	G-1	111
C121	G-7	247	C53	G-7	189	C98	G-2	205	R106	H-10	129	R46	G-2	119	R9	A-6	131
C122	G-8	247	C54	F-10	191	C99	C-10	249	R107	A-5	163	R47	F-2	119	R90	G-1	111
C123	G-8	247	C55	F-10	203	CR1	A-6	101	R108	A-5	163	R48	F-2	121	R91	H-2	117
C124	A-3	261	C56	G-10	203	CR2	G-7	105	R109	G-6	163	R49	F-2	163	R92	G-6	119
C13	G-1	197	C57	G-9	203	CR3	G-6	105	R11	B-3	119	R5	B-6	173	R93	H-3	113
C14	C-10	257	C58	G-8	191	CR4	G-2	103	R110	H-6	157	R50	F-2	163	R94	G-1	183
C15	C-10	243	C59	G-8	203	CR5	G-9	103	R111	G-7	157	R51	F-2	119	R95	C-9	187
C16	C-10	209	C6	B-7	249	CR6	G-8	105	R112	F-6	145	R52	F-2	157	R96	C-10	187
C17	C-10	249	C60	G-7	191	FL1	C-10	85	R113	H-1	263	R53	F-2	123	R97	B-5	145
C18	C-10	193	C61	G-7	203	J1401	F-1	109	R114	I-1	265	R54	E-2	119	R98	B-5	145
C19	E-1	197	C62	F-10	191	L1	A-6	241	R115	I-2	267	R55	G-2	119	R99	G-1	119
C2	B-6	193	C63	G-9	191	L10	F-10	229	R12	A-5	177	R56	G-2	119	T1	A-7	237
C20	E-1	199	C64	E-10	203	L11	F-10	235	R13	G-7	147	R57	H-2	125	U1	C-9	213
C21	F-1	197	C65	G-8	203	L12	G-8	235	R14	A-5	177	R58	H-2	125	U10	G-2	215
C22	E-1	197	C66	G-8	203	L13	G-8	235	R15	A-5	135	R59	G-2	121	U11	F-3	221
C23	B-9	249	C67	G-7	203	L14	G-7	235	R16	B-3	119	R6	A-7	169	U12	G-10	215
C24	A-7	249	C68	G-7	203	L15	H-5	231	R17	B-2	163	R60	G-1	179	U13	G-6	215
C25	A-7	249	C69	G-6	251	L16	E-10	233	R18	B-3	145	R61	F-1	119	U2	A-5	219
C26	A-6	249	C7	A-7	217	L2	A-6	241	R19	E-9	167	R62	E-1	119	U3	B-10	239
C27	A-5	249	C70	G-6	189	L3	B-1	225	R2	B-5	119	R63	F-10	175	U4	E-2	223
C28	F-9	249	C71	F-6	189	L4	C-10	79	R20	E-10	125	R64	F-10	175	U5	H-4	211
C29	F-9	249	C72	G-6	245	L5	B-10	227	R21	F-9	167	R65	G-9	175	U6	G-5	215
C3	A-6	249	C73	G-6	189	L6	F-9	227	R22	G-9	167	R66	G-8	175	U7	G-3	217
C30	G-10	249	C74	G-6	201	L7	G-10	227	R23	G-8	167	R67	G-7	175	U8	F-2	89
C31	G-7	203	C75	G-6	195	L8	H-7	233	R24	F-10	125	R68	E-10	145	U9	F-1	87
C32	H-6	205	C76	G-6	197	L9	E-10	81	R25	G-9	125	R69	F-10	145			
C33	H-3	203	C77	F-6	197	L95	C-10	227	R26	G-8	125	R7	A-7	181			

* DESIGNATES BACKSIDE COMPONENTS.

DIVISION
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ITEM NO	REF DES	GEO LOC	ITEM NO
125	R70	G-9	115
167	R71	G-8	145
119	R72	G-7	145
167	R73	G-6	133
119	R74	G-6	171
119	R75	F-7	143
159	R76	G-3	145
163	R77	G-2	143
161	R78	F-2	145
151	R79	G-2	163
165	R8	A-6	139
125	R80	F-2	155
119	R81	F-1	149
163	R82	G-6	129
125	R83	G-5	171
163	R84	H-6	161
119	R85	G-1	127
163	R86	G-1	141
119	R87	F-1	153
125	R88	F-1	163
163	R89	G-1	111
119	R9	A-6	131
119	R90	G-1	111
121	R91	H-2	117
163	R92	G-6	119
173	R93	H-3	113
163	R94	G-1	183
119	R95	C-9	187
157	R96	C-10	187
123	R97	B-5	145
119	R98	B-5	145
119	R99	G-1	119
119	T1	A-7	237
125	U1	C-9	213
125	U10	G-2	215
121	U11	F-3	221
169	U12	G-10	215
179	U13	G-6	215
119	U2	A-5	219
119	U3	B-10	239
175	U4	E-2	223
175	U5	H-4	211
175	U6	G-5	215
175	U7	G-3	217
175	U8	F-2	89
145	U9	F-1	87
145			
181	AD429501A		



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COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

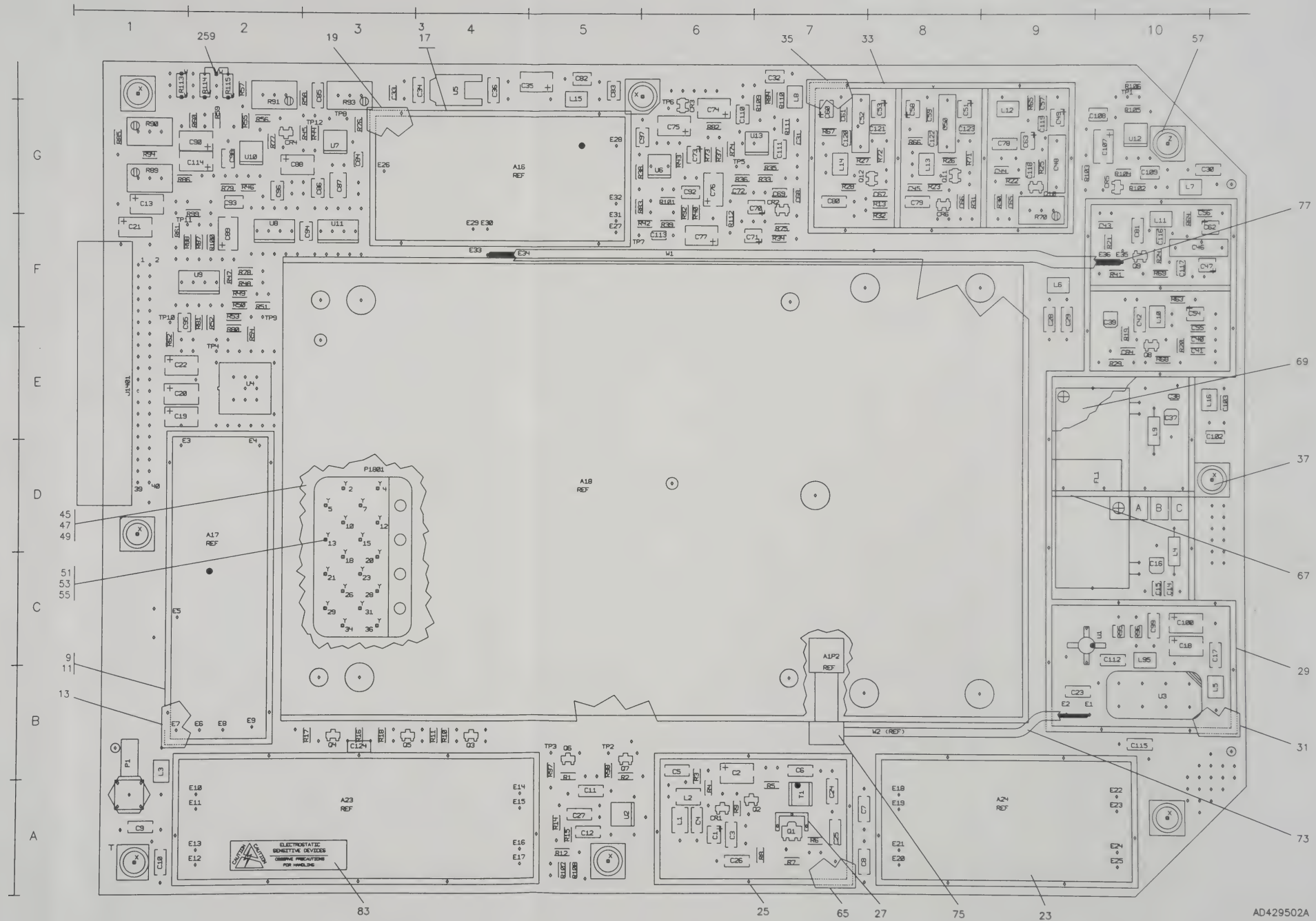
DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDEX	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32-1	828-0161-002		1	RECEIVER, VOR/ILS A1 (SEE FIG 1-6J FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	628-8479-004		2	SYNTHESIZER, FREQUENCY -VOR/LOC A18 (SEE FIG 33)		1
R -5	MS51957-3		2	ATTACHING PARTS SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
R -7	553-5022-003		2	WASHER ---+---		2
R 9	601-4317-003		2	CIRCUIT CARD, VOR/LOC SELF TEST OSC A17 (SEE FIG 19)		1
R 11	628-8680-001		2	SHIELD, RF		1
R 13	628-8681-001		2	COVER, SHIELD		1
R 15	601-4316-001		2	CIRCUIT CARD, VOR/LOC OSCILLATOR (SEE FIG 18 FOR DET BKDN)		1
R 17	628-9596-001		2	SHIELD, RF		1
R 19	628-9595-001		2	COVER, SHIELD		1
R 21	828-2710-001		2	CIRCUIT CARD, 3-POLE BANDPASS FILTER A23 (SEE FIG 36)		1
R 23	828-2709-001		2	CIRCUIT CARD, 2-POLE BANDPASS FILTER A24 (SEE FIG 35)		1
R 25	628-9711-001		2	SHIELD, RF		1
R 27	653-1638-001		2	HEATSINK		1
R 29	628-9712-001		2	SHIELD, MIXER/IF		1
R 31	628-9715-001		2	COVER, MIXER/IF		1
R 33	628-9713-001		2	SHIELD, 2ND IF		1
R 35	628-9716-001		2	COVER, 2ND IF		1
R 37	608-6430-017		2	POST		7
R -39	340-0644-000		2	ATTACHING PARTS SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		7
R -41	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		7
R -43	629-6561-013		2	SCREW ---+---		7
R 45	635-5706-001		2	PLATE,MTG-CAP		1
R 47	913-3018-010		3	CAPACITOR,FXD CER DIEL, 1000PF, 100V 913-3018-010 is REF No. for V59660 2461-000X7V0-102AA A1C3002 A1C3004 A1C3005 A1C3007 A1C3010 A1C3012 A1C3013 A1C3015 A1C3018 A1C3020 A1C3023 A1C3026 A1C3028 A1C3029 A1C3031 A1C3034 A1C3036		17
R 49	635-5706-003		3	PLATE		1
R 51	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		17
R 53	542-0814-003		2	TUBELET		17
R 55	761-5321-028		2	WASHER		17
R 57	635-5715-001		2	POST		1
R -59	340-0644-000		2	ATTACHING PARTS SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		1
R -61	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		1
R -63	629-6561-013		2	SCREW ---+---		1
R 65	628-9714-001		2	COVER, RF AMP		1
R 67	628-9724-001		2	SHIELD		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST



VOR/ILS Receiver Assembly A1
Figure 32 (Sheet 2)

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32-1	828-0161-002		1	RECEIVER, VOR/ILS A1 (SEE FIG 1-6J FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	628-8479-004		2	SYNTHESIZER, FREQUENCY -VOR/LOC A18 (SEE FIG 33)		1
R -5	MS51957-3		2	ATTACHING PARTS SCREW,MACHINE CD PL STL, 2-56 X 1/4 (V96906) 343-0124-000		2
R -7	553-5022-003		2	WASHER -----		2
R 9	601-4317-003		2	CIRCUIT CARD, VOR/LOC SELF TEST OSC A17 (SEE FIG 19)		1
R 11	628-8680-001		2	SHIELD, RF		1
R 13	628-8681-001		2	COVER, SHIELD		1
R 15	601-4316-001		2	CIRCUIT CARD, VOR/LOC OSCILLATOR (SEE FIG 18 FOR DET BKDN)		1
R 17	628-9596-001		2	SHIELD, RF		1
R 19	628-9595-001		2	COVER, SHIELD		1
R 21	828-2710-001		2	CIRCUIT CARD, 3-POLE BANDPASS FILTER A23 (SEE FIG 36)		1
R 23	828-2709-001		2	CIRCUIT CARD, 2-POLE BANDPASS FILTER A24 (SEE FIG 35)		1
R 25	628-9711-001		2	SHIELD, RF		1
R 27	653-1638-001		2	HEATSINK		1
R 29	628-9712-001		2	SHIELD, MIXER/IF		1
R 31	628-9715-001		2	COVER, MIXER/IF		1
R 33	628-9713-001		2	SHIELD, 2ND IF		1
R 35	628-9716-001		2	COVER, 2ND IF		1
R 37	608-6430-017		2	POST		7
R -39	340-0644-000		2	ATTACHING PARTS SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		7
R -41	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		7
R -43	629-6561-013		2	SCREW -----		7
R 45	635-5706-001		2	PLATE,MTG-CAP		1
R 47	913-3018-010		3	CAPACITOR,FXD CER DIEL, 1000PF, 100V 913-3018-010 is REF No. for V59660 2461-000X7V0-102AA A1C3002 A1C3004 A1C3005 A1C3007 A1C3010 A1C3012 A1C3013 A1C3015 A1C3018 A1C3020 A1C3023 A1C3026 A1C3028 A1C3029 A1C3031 A1C3034 A1C3036		17
R 49	635-5706-003		3	PLATE		1
R 51	NA1104-089		2	CONTACT, ELECTRICAL (V57863) 372-2601-089		17
R 53	542-0814-003		2	TUBELET		17
R 55	761-5321-028		2	WASHER		17
R 57	635-5715-001		2	POST		1
R -59	340-0644-000		2	ATTACHING PARTS SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMC0P0-135DX0-125L		1
R -61	MS35338-135		2	WASHER,LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		1
R -63	629-6561-013		2	SCREW -----		1
R 65	628-9714-001		2	COVER, RF AMP		1
R 67	628-9724-001		2	SHIELD		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32 69	628-9723-001		2	COVER, FILTER ATTACHING PARTS		1
R -71	347-0021-000		2	SCREW,MACHINE CRES, 0.086-56 X 0.188IN ---+---		8
R 73	653-2245-002		2	CABLE		1
R 75	357-7552-020		3	CONNECTOR, RF 357-7552-020 is REF No. for V98291 051-428-3196-220		1
R 77	D148-0204		2	TERMINATOR,COAX (V06090) 357-0570-010		3
R 79	MS75083-13		2	COIL, RF, 1UH (V96906) 240-2023-000 A1L4		1
R 81	MS75084-04		2	COIL, RF, 2.20UH (V96906) 240-2027-000 A1L9		1
R 83	280-2745-010		2	LABEL, ESDS WARNING (V12998)		1
R 85	7357		2	FILTER, CRYSTAL, BP (V25120) 293-1313-020 A1FL1		1
R 87	LM2901D		2	MICROCIRCUIT (ESDS) (V04713) 351-0656-010 A1U9		1
R 89	MC74HC132D		2	MICROCIRCUIT (ESDS) (V04713) 351-3701-140 A1U8		1
R 91	NE85634		2	TRANSISTOR (ESDS) (VD0009) 352-0838-010 A1Q1		1
R 93	BF995		2	TRANSISTOR ESDS (V25088) 352-1227-010 A1Q9		1
R 95	BF996		2	TRANSISTOR ESDS (V25088) 352-1227-020 A1Q10 A1Q11 A1Q12 A1Q8		4
R 97	MMBT2222AL		2	TRANSISTOR (V04713) 352-9113-010 A1Q4 A1Q5		2
R 99	MMBT2907AL		2	TRANSISTOR (V04713) 352-9114-020 A1Q2 A1Q3 A1Q6 A1Q7		4
R 101	MMBD6050		2	DIODE (V04713) 353-8135-010 A1CR1		1
R 103	MMBD914L		2	DIODE (V04713) 353-8135-040 A1CR4 A1CR5		2
R 105	BAW100		2	SEMICONV DEVICE (V12954) 353-8137-090 A1CR2 A1CR3 A1CR6		3
R 107	M39012-96-0001		2	CONNECTOR, RCPT, ELEC (V81349) 357-7405-030 A1P1		1
R 109	87476-6		2	HOUSING, CONNECTOR, ELEC (V00779) 372-0043-160 A1J1401		1
R 111	RJ24CW501		2	RESISTOR,VARIABLE NONWIRE-WOUND, 500 OHMS, 10%, 1/2W (V32997) 380-1080-230 A1R89 A1R90		2
R 113	RJ24CW102		2	RESISTOR,VARIABLE NONWIRE-WOUND, 1K, 10%, 1/2W (V32997) 380-1080-240 A1R93		1
R 115	RJ24CW502		2	RESISTOR,VARIABLE NONWIRE-WOUND, 5K, 10%, 1/2W (V32997) 380-1080-260 A1R70		1
R 117	RJ24CW103		2	RESISTOR,VARIABLE NONWIRE-WOUND, 10K, 10%, 1/2W (V32997) 380-1080-270 A1R91		1
R 119	9C12063A1002FKR		2	RESISTOR,FIXED FILM, 10K, 1%, 125MW (V80031) 705-3535-020 A1R1 A1R10 A1R100 A1R101 A1R103 A1R11 A1R16 A1R2 A1R29 A1R30 A1R31 A1R38 A1R41 A1R43 A1R46 A1R47 A1R51 A1R54 A1R55 A1R56 A1R61 A1R62 A1R92 A1R99		24
R 121	9C12063A2002FKR		2	RESISTOR,FIXED FILM, 20K, 1%, 125MW (V80031) 705-3535-030 A1R48 A1R59		2
R 123	9C12063A1003FKR		2	RESISTOR,FIXED FILM, 100K, 1%, 125MW (V80031) 705-3535-060 A1R53		1
R 125	9C12063A1001FKR		2	RESISTOR,FIXED FILM, 1K, 1%, 125MW (V80031) 705-3535-200 A1R20 A1R24 A1R25 A1R26 A1R27 A1R37 A1R4 A1R44 A1R57 A1R58		10
R 127	9C12063A2430FKR		2	RESISTOR,FIXED FILM, 243 OHMS, 1%, 125MW (V80031) 705-3535-230 A1R85		1
R 129	9C12063A3321FKR		2	RESISTOR,FIXED FILM, 3.32K, 1%, 125MW (V80031) 705-3535-300 A1R106 A1R82		2
R 131	9C12063A8061FKR		2	RESISTOR,FIXED FILM, 8.06K, 1%, 125MW (V80031) 705-3535-330 A1R9		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32 133	9C12063A2670FKR		2	RESISTOR, FIXED FILM, 267 OHMS, 1%, 125MW (V80031) 705-3535-510 A1R73		1
R 135	9C12063A7500FKR		2	RESISTOR, FIXED FILM, 750 OHMS, 1%, 125MW (V80031) 705-3535-910 A1R15		1
R 137	9C12063A1241FKR		2	RESISTOR, FIXED FILM, 1.24K, 1%, 125MW (V80031) 705-3537-090 A1R105		1
R 139	9C12063A2211FKR		2	RESISTOR, FIXED FILM, 2.21K, 1%, 125MW (V80031) 705-3537-330 A1R8		1
R 141	9C12063A2871FKR		2	RESISTOR, FIXED FILM, 2.87K, 1%, 125MW (V80031) 705-3537-430 A1R86		1
R 143	9C12063A3921FKR		2	RESISTOR, FIXED FILM, 3.92K, 1%, 125MW (V80031) 705-3537-530 A1R75 A1R77		2
R 145	9C12063A4761FKR		2	RESISTOR, FIXED FILM, 4.76K, 1%, 125MW (V80031) 705-3537-600 A1R102 A1R112 A1R18 A1R68 A1R69 A1R71 A1R72 A1R76 A1R78 A1R97 A1R98		11
R 147	9C12063A5491FKR		2	RESISTOR, FIXED FILM, 5.49K, 1%, 125MW (V80031) 705-3537-650 A1R13		1
R 149	9C12063A5621FKR		2	RESISTOR, FIXED FILM, 5.62K, 1%, 125MW (V80031) 705-3537-660 A1R81		1
R 151	9C12063A7501FKR		2	RESISTOR, FIXED FILM, 7.5K, 1%, 125MW (V80031) 705-3537-750 A1R35		1
R 153	9C12063A1102FKR		2	RESISTOR, FIXED FILM, 11K, 1%, 125MW (V80031) 705-3537-880 A1R87		1
R 155	9C12063A1242FKR		2	RESISTOR, FIXED FILM, 12.4K, 1%, 125MW (V80031) 705-3537-920 A1R80		1
R 157	9C12063A1302FKR		2	RESISTOR, FIXED FILM, 13K, 1%, 125MW (V80031) 705-3537-940 A1R110 A1R111 A1R52		3
R 159	9C12063A1472FKR		2	RESISTOR, FIXED FILM, 14.7K, 1%, 125MW (V80031) 705-3537-980 A1R32		1
R 161	9C12063A2212FKR		2	RESISTOR, FIXED FILM, 22.1K, 1%, 125MW (V80031) 705-3538-140 A1R34 A1R84		2
R 163	9C12063A3322FKR		2	RESISTOR, FIXED FILM, 33.2K, 1%, 125MW (V80031) 705-3538-310 A1R107 A1R108 A1R109 A1R17 A1R33 A1R39 A1R40 A1R42 A1R45 A1R49 A1R50 A1R79 A1R88		13
R 165	9C12063A5112FKR		2	RESISTOR, FIXED FILM, 51.1K, 1%, 125MW (V80031) 705-3538-470 A1R104 A1R36		2
R 167	9C12063A10R0FKR		2	RESISTOR, FIXED FILM, 10 OHMS, 1%, 125MW (V80031) 705-3539-140 A1R19 A1R21 A1R22 A1R23 A1R28 A1R3		6
R 169	9C12063A10R7FKR		2	RESISTOR, FIXED FILM, 10.7 OHMS, 1%, 125MW (V80031) 705-3539-170 A1R6		1
R 171	CRCW120624R3FB		2	RESISTOR, FIXED FILM, 24.3 OHMS, 1%, 125MW (V56845) 705-3539-510 A1R74 A1R83		2
R 173	CRCW120626R7FB		2	RESISTOR, FIXED FILM, 26.7 OHMS, 1%, 125MW (V56845) 705-3539-550 A1R5		1
R 175	CRCW120647R5FB		2	RESISTOR, FIXED FILM, 47.5 OHMS, 1%, 125MW (V56845) 705-3539-790 A1R63 A1R64 A1R65 A1R66 A1R67		5
R 177	9C12063A53R6FKR		2	RESISTOR, FIXED FILM, 53.6 OHMS, 1%, 125MW (V80031) 705-3539-840 A1R12 A1R14		2
R 179	9C12063A56R2FKR		2	RESISTOR, FIXED FILM, 56.2 OHMS, 1%, 125MW (V80031) 705-3539-860 A1R60		1
R 181	9C12063A1960FKR		2	RESISTOR, FIXED FILM, 196 OHMS, 1%, 125MW (V80031) 705-3540-380 A1R7		1
R 183	9C12063A2870FKR		2	RESISTOR, FIXED FILM, 287 OHMS, 1%, 125MW (V80031) 705-3540-490 A1R94		1
R 185	C512C225M5R5CA		2	CAPACITOR, FIXED, CER, 2.2F, 20%, 50V (V31433) 834-5082-390 A1C46 A1C48		4

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32 187	RCWP11002100F		2	RESISTOR, FIXED, FILM, 210 OHMS, 1%, 400MW (V81349) 833-6626-320 A1R95 A1R96		2
R 189	293D335X9016B2T		2	CAPACITOR, FIXED, 3.3UF, 10%, 16V (V14659) 834-2008-120 A1C47 A1C49 A1C51 A1C53 A1C70 A1C71 A1C73		7
R 191	293D475X9010B2T		2	CAPACITOR, FIXED, 4.7UF, 10%, 10V (V14659) 834-2008-140 A1C1 A1C54 A1C58 A1C60 A1C62 A1C63		6
R 193	293D156X9025D2T		2	CAPACITOR, FIXED, 15UF, 10%, 25V (V14659) 834-2008-220 A1C100 A1C18 A1C2		3
R 195	293D226X9020D2T		2	CAPACITOR, FIXED, 22UF, 10%, 20V (V14659) 834-2008-230 A1C35 A1C75		2
R 197	293D336X9016D2T		2	CAPACITOR, FIXED, 33UF, 10%, 16V (V14659) 834-2008-240 A1C107 A1C13 A1C19 A1C21 A1C22 A1C76 A1C77 A1C88		8
R 199	T491X226K035AS		2	CAPACITOR, ELCTLT, 22UF, 10%, 35V (V0J948) 834-2008-310 A1C20		1
R 201	293D476X0016D2T		2	CAPACITOR, ELCTLT, 47UF, 10%, 16V (V14659) 834-2008-390 A1C114 A1C74 A1C89 A1C90		4
R 203	12065C103KAT050		2	CAPACITOR, FIXED, CER, 10,000PF, 10%, 50V (V96095) 834-5005-250 A1C103 A1C31 A1C33 A1C40 A1C41 A1C43 A1C44 A1C45 A1C55 A1C56 A1C57 A1C59 A1C61 A1C64 A1C65 A1C66 A1C67 A1C68		18
R 205	12105V104KAT050		2	CAPACITOR, FIXED, CER, 100,000PF, 10%, 50V (V96095) 834-5005-570 A1C102 A1C108 A1C109 A1C110 A1C111 A1C32 A1C82 A1C83 A1C86 A1C92 A1C93 A1C94 A1C95 A1C96 A1C97 A1C98		16
R 207	C0805C829C1GAC		2	CAPACITOR, FIXED, CER DIEL, 8.2PF, 0.25PF, 100V (V31433) 834-5008-120 A1C38		1
R 209	JR100		2	CAPACITOR, VARIABLE (V18736) 834-9008-010 A1C16 A1C37 A1C39		3
R 211	9M05B		2	MICROCIRCUIT (ESDS) (V04713) 835-0096-040 A1U5		1
R 213	MAV11SM		2	MICROCIRCUIT (ESDS) (V15542) 835-0191-020 A1C1		1
R 215	MC33078D		2	MICROCIRCUIT (ESDS) (V04713) 835-0202-020 A1U10 A1U12 A1U13 A1U6		4
R 217	SE567D		2	MICROCIRCUIT (ESDS) (V18324) 835-0274-010 A1C7		1
R 219	SA630D		2	MICROCIRCUIT (ESDS) (V18324) 835-1608-010 A1U2		1
R 221	74HC74D		2	MICROCIRCUIT (ESDS) (V1CH66) 835-3706-020 A1U11		1
R 223	831-3154-001		2	MICROCIRCUIT, MODIFIED A1C4		1
R -224	AT22V10L25JI		3	MICROCIRCUIT (ESDS) (V1FN41) 835-5866-080		1
R 225	1812-221K		2	COIL, .22UH (V99800) 849-0025-050 A1L3		1
R 227	1812-102K		2	COIL, 1.0UH (V99800) 849-0025-130 A1L5 A1L6 A1L7 A1L95		4
R 229	1812-222K		2	COIL, 2.2UH (V99800) 849-0025-170 A1L10		1
R 231	1812-822K		2	COIL, 8.2UH (V99800) 849-0025-240 A1L15		1
R 233	1812-103K		2	COIL, 10UH (V99800) 849-0025-250 A1L16 A1L8		2
R 235	1812-820K		2	COIL, 820UH (V99800) 849-0025-480 A1L11 A1L12 A1L13 A1L14		4
R 237	TRS2-25-1		2	TRANSFORMER, RF (V15542) 849-2502-010 A1T1		1
R 239	UNCLX1MH		2	MIXER, RF (ESDS) (V15542) 850-0011-010 A1U3		1
R 241	CB50-453215T		2	CHOKE, RF (V54583) 852-3001-020 A1L1 A1L2		2
R 243	08055A270JAT050		2	CAPACITOR, FIXED CER DIEL, 27PF, 5%, 50V (V04222) 913-3667-080 A1C15 A1C84		2

- ITEM NOT ILLUSTRATED

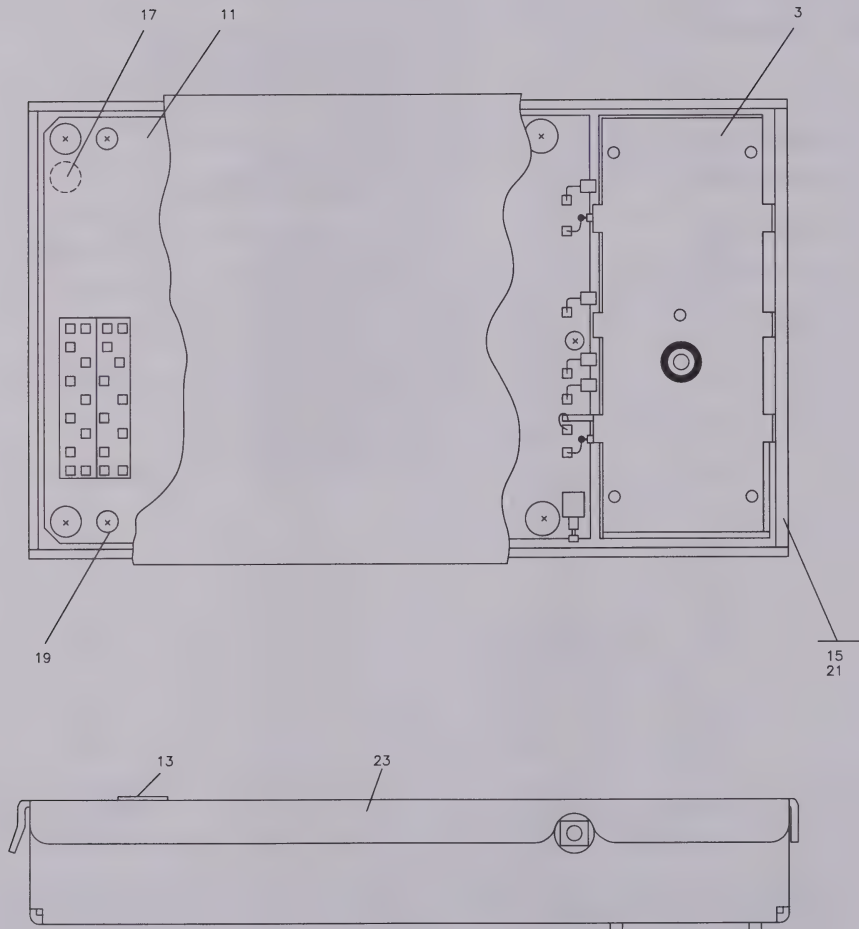
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 32 245	08055A470JAT050		2	CAPACITOR, FIXED CER DIEI, 47PF, 5%, 50V (V04222) 913-3667-110 A1C113 A1C72		2
R 247	08055A101JAT050		2	CAPACITOR, FIXED CER DIEI, 100PF, 5% 50V (V04222) 913-3667-150 A1C116 A1C117 A1C118 A1C119 A1C120 A1C121 A1C122 A1C123		8
R 249	18085A102JAT060		2	CAPACITOR, FIXED CER DIEI, 1000PF, 5%, 50V (V04222) 913-3667-270 A1C10 A1C11 A1C112 A1C115 A1C12 A1C17 A1C23 A1C24 A1C25 A1C26 A1C27 A1C28 A1C29 A1C3 A1C30 A1C34 A1C36 A1C4 A1C42 A1C5 A1C6 A1C7 A1C8 A1C85 A1C9 A1C99		26
R 251	08055A271JAT050		2	CAPACITOR, FIXED CER DIEI, 270PF, 5%, 50V (V04222) 913-3667-480 A1C69		1
R 253	18085A122JAT060		2	CAPACITOR, FIXED CER DIEI, 1200PF, 5%, 50V (V04222) 913-3667-490 A1C78 A1C79 A1C80 A1C81		4
R 255	18125A562JAT080		2	CAPACITOR, FIXED CER DIEI, 5600PF, 5%, 50V (V04222) 913-3667-550 A1C87		1
R 257	08051A160JAT050		2	CAPACITOR, FIXED CER DIEI, 20PF, 5%, 100V (V04222) 913-3669-040 A1C14		1
R 259	NA1104-045		2	CONTACT, ELECTRICAL (V57863) 372-2601-045		5
R 261	CK05BX471K		2	CAPACITOR, FIXED CER DIEI, 470PF, 10%, 200V (V81349) 913-4014-000 A1C124		1
R 263	RN55D2211F		2	RESISTOR, FIXED FILM, 2.21K, 1%, 1/8W (V81349) 705-3605-160 A1R113		1
R 265	RN55D3321F		2	RESISTOR, FIXED FILM, 3.32K, 1%, 1/8W (V81349) 705-1021-000 A1R114		1
R 267	RN55D3322F		2	RESISTOR, FIXED FILM, 33.2K, 1%, 1/8W (V81349) 705-1069-000 A1R115		1

COLLINS AIR TRANSPORT DIVISION
 ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST



AD-4299-01-

VOR/LOC Electrical Frequency Synthesizer A18
 Figure 33

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	Q U A N T I T Y	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 33-1	628-8479-004		1	SYNTHESIZER, FREQUENCY -VOR/LOC A18 (SEE FIG 32-3 FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	635-5576-003		2	OSCILLATOR, VOR/LOC (NON-REPAIRABLE ASSEMBLY)		1
R -5	MS51957-4		2	SCREW,MACHINE CD PL STL, 2-56 X 5/16 (V96906) 343-0125-000		3
R -7	MS35338-134		2	WASHER,LOCK SST, 0.088 ID X 0.172 OD (V96906) 310-0275-000		3
R -9	310-6320-000		2	WASHER,FLAT SST, 0.092 X 0.219 OD (V79807) ---		3
R 11	642-4218-002		2	CIRCUIT CARD, SYNTHESIZER/LOC A18 (SEE FIG 34)		1
R 13	280-2745-010		2	LABEL, ESDS WARNING (V12998)		1
R 15	628-8485-001		2	SHIELD		1
R 17	M45938-5-1		3	NUT,SLFLKG CD PL STL, 2-56 NUT,SLFLKG, CLINCH (V81349) 333-0837-000		2
R 19	635-5566-002		3	POST		3
R 21	628-8485-002		3	SHIELD		1
R 23	635-5587-004		2	COVER, SMO		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO	REF DES	GEO LOC	ITEM NO
A1801	B-1	51	C1852	D-3	99	R1831	A-2	89
B1801	B-1	51	C1854	C-3	99	R1835	B-2	55
C1801	C-2	99	C1855	B-5	103	R1838	B-2	53
C1803	B-1	99	C1856	B-5	97	R1839	C-2	53
C1804	B-4	101	CR1801	D-5	49	R1840	B-2	89
C1805	C-2	95	CR1802	C-1	131	R1841	C-4	53
C1806	D-2	97	CR1803	C-1	131	R1842	B-2	89
C1808	D-3	101	L1801	C-2	121	R1844	B-2	89
C1809	C-2	129	L1802	C-2	119	U1801	D-3	33
C1810	C-2	127	L1803	A-4	119	U1802	D-3	33
C1812	B-4	135	L1804	B-5	117	U1803	D-4	41
C1813	B-5	91	L1806	C-1	123	U1804	C-3	27
C1814	B-4	101	L1807	D-5	115	U1805	C-4	31
C1815	C-3	99	L1808	B-5	123	U1806	C-1	107
C1816	A-2	135	L1809	C-5	123	U1807	C-3	35
C1818	C-2	99	L1810	C-4	123	U1808	C-3	41
C1819	B-4	97	Q1801	C-5	113	U1809	B-3	37
C1820	B-4	101	Q1802	C-2	45	U1810	B-2	25
C1821	A-5	97	Q1803	C-5	45	U1811	C-4	133
C1822	C-4	99	Q1804	A-5	43	U1812	C-5	109
C1823	A-5	97	R1801	D-3	55	U1813	D-2	39
C1824	A-5	125	R1802	C-1	81	U1814	B-5	19
C1825	B-3	97	R1803	C-5	77	U1815	A-3	39
C1826	A-5	99	R1804	B-5	83	U1816	A-3	37
C1827	C-2	99	R1805	D-5	61	U1817	B-4	23
C1828	B-3	99	R1806	D-5	67	U1819	A-2	111
C1829	C-1	97	R1807	C-5	69	U1821	C-3	29
C1830	A-1	135	R1808	C-1	79	U1822	B-2	37
C1831	C-2	93	R1809	C-1	71	U1823	B-4	21
C1832	C-5	135	R1810	C-3	53	VR1801	B-5	47
C1833	B-5	135	R1811	C-2	73	Y1801	C-2	17
C1834	C-5	97	R1812	D-2	53			
C1835	D-2	99	R1813	C-1	57			
C1836	C-2	97	R1814	C-3	53			
C1838	D-4	99	R1815	B-5	59			
C1839	C-4	99	R1816	C-5	79			
C1840	C-1	101	R1817	D-4	53			
C1841	C-3	103	R1818	C-3	53			
C1842	D-4	99	R1819	C-1	87			
C1843	D-3	99	R1820	C-4	75			
C1844	D-3	99	R1821	A-5	63			
C1845	D-5	13	R1823	A-5	77			
C1846	D-5	105	R1824	B-5	77			
C1847	B-3	99	R1825	C-1	87			
C1848	C-1	97	R1826	C-2	85			
C1849	C-1	97	R1827	C-3	65			
C1850	C-4	101	R1828	C-3	85			
C1851	C-2	95	R1829	B-2	53			

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* DESIGNATES BACKSIDE COMPONENTS.

DETAILED PARTS LIST



COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 34-1	642-4218-002		1	CIRCUIT CARD, SYNTHESIZER/LOC A18 (SEE FIG 33-11 FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	608-6430-018		2	POST ATTACHING PARTS		4
R -5	340-0644-000		2	SLEEVE, SPRING 340-0644-000 is REF No. for V91314 BRYLMCOP0-135DX0-125L		4
R -7	635-5703-002		2	SLEEVE		4
R -9	MS35338-135		2	WASHER, LOCK SST, 0.115 ID X 0.209 OD (V96906) 310-0279-000		4
R -11	629-6561-012		2	SCREW -----		4
R 13	CK06BX105K		2	CAPACITOR, FIXED CER DIELECT, 1000000PF, 10%, 50VDC (V81349) 913-5019-560 A18C1845		1
R 15	280-2745-040		2	LABEL, ESDS WARNING (V12998)		1
R 17	289-7291-010		2	CRYSTAL UNIT, QTX 4.8MHZ (V00136) A18Y1801		1
R 19	MC78L05ACD		2	MICROCIRCUIT (ESDS) (V04713) 351-0751-010 A18U1814		1
R 21	SP8680ADG		2	MICROCIRCUIT (ESDS) (VK7766) 351-1653-010 A18U1823		1
R 23	MC12514L		2	MICROCIRCUIT (ESDS) (V04713) 351-7786-010 A18U1817		1
R 25	CD74HC00M		2	MICROCIRCUIT (ESDS) (V02735) 351-3701-010 A18U1810		1
R 27	MC74HC02D		2	MICROCIRCUIT (ESDS) (V04713) 351-3701-020 A18U1804		1
R 29	MC74HC10D		2	MICROCIRCUIT (ESDS) (V04713) 351-3701-050 A18U1821		1
R 31	MC74HC132D		2	MICROCIRCUIT (ESDS) (V04713) 351-3701-140 A18U1805		1
R 33	CD74HC161M		2	MICROCIRCUIT (ESDS) (V02735) 351-3703-100 A18U1801 A18U1802		2
R 35	CD74HC390M		2	MICROCIRCUIT (ESDS) (V02735) 351-3703-130 A18U1807		1
R 37	CD74HC191M		2	MICROCIRCUIT (ESDS) (V02735) 351-3703-170 A18U1809 A18U1816 A18U1822		3
R 39	CD74HC04M		2	MICROCIRCUIT (ESDS) (V02735) 351-3705-010 A18U1813 A18U1815		2
R 41	SN74HC74D		2	MICROCIRCUIT (ESDS) (V01295) 351-3706-070 A18U1803 A18U1808		2
R 43	MMBT918		2	TRANSISTOR (V04713) 352-7956-010 A18Q1804		1
R 45	MMBT2222AL		2	TRANSISTOR (V04713) 352-9113-010 A18Q1802 A18Q1803		2
R 47	MMBZ5231B		2	DIODE (ESDS) (V04713) 353-8133-060 A18VR1801		1
R 49	BAL74		2	SEMICONDUCTOR DEVICE (V12954) 353-8137-010 A18CR1801		1
R 51	372-2334-100		2	CONNECTOR, ELEC (V00779) A18A1801 A18B1801		2
R 53	9C12063A1002FKR		2	RESISTOR, FIXED FILM, 10K, 1%, 125MW (V80031) 705-3535-020 A18R1810 A18R1812 A18R1814 A18R1817 A18R1818 A18R1829 A18R1838 A18R1839 A18R1841		9
R 55	9C12063A1001FKR		2	RESISTOR, FIXED FILM, 1K, 1%, 125MW (V80031) 705-3535-200 A18R1801 A18R1835		2
R 57	9C12063A2430FKR		2	RESISTOR, FIXED FILM, 243 OHMS, 1%, 125MW (V80031) 705-3535-230 A18R1813		1

- ITEM NOT ILLUSTRATED

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	INDICATOR	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 34 59	9C12063A3321FKR		2	RESISTOR, FIXED FILM, 3.32K, 1%, 125MW (V80031) 705-3535-300 A18R1815		1
R 61	9C12063A3320FKR		2	RESISTOR, FIXED FILM, 332 OHMS, 1%, 125MW (V80031) 705-3535-590 A18R1805		1
R 63	9C12063A4750FKR		2	RESISTOR, FIXED FILM, 475 OHMS, 1%, 125MW (V80031) 705-3535-730 A18R1821		1
R 65	9C12063A6810FKR		2	RESISTOR, FIXED FILM, 681 OHMS, 1%, 125MW (V80031) 705-3535-870 A18R1827		1
R 67	9C12063A1211FKR		2	RESISTOR, FIXED FILM, 1.21K, 1%, 125MW (V80031) 705-3537-080 A18R1806		1
R 69	9C12063A1471FKR		2	RESISTOR, FIXED FILM, 1.47K, 1%, 125MW (V80031) 705-3537-160 A18R1807		1
R 71	9C12063A2871FKR		2	RESISTOR, FIXED FILM, 2.87K, 1%, 125MW (V80031) 705-3537-430 A18R1809		1
R 73	9C12063A3921FKR		2	RESISTOR, FIXED FILM, 3.92K, 1%, 125MW (V80031) 705-3537-530 A18R1811		1
R 75	9C12063A5111FKR		2	RESISTOR, FIXED FILM, 5.11K, 1%, 125MW (V80031) 705-3537-620 A18R1820		1
R 77	9C12063A5621FKR		2	RESISTOR, FIXED FILM, 5.62K, 1%, 125MW (V80031) 705-3537-660 A18R1803 A18R1823 A18R1824		3
R 79	9C12063A1212FKR		2	RESISTOR, FIXED FILM, 12.1K, 1%, 125MW (V80031) 705-3535-270 A18R1808 A18R1816		1
R 81	9C12063A2212FKR		2	RESISTOR, FIXED FILM, 22.1K, 1%, 125MW (V80031) 705-3538-140 A18R1802		2
R 83	9C12063A3922FKR		2	RESISTOR, FIXED FILM, 39.2K, 1%, 125MW (V80031) 705-3538-370 A18R1804		1
R 85	9C12063A4752FKR		2	RESISTOR, FIXED FILM, 47.5K, 1%, 125MW (V80031) 705-3538-450 A18R1823 A18R1826		2
R 87	9C12063A10R0FKR		2	RESISTOR, FIXED FILM, 10 OHMS, 1%, 125MW (V80031) 705-3539-140 A18R1819 A18R1825		2
R 89	705-3543-010		2	RESISTOR, CHIP, FILM, .01 OHMS, 62.5W (V91637) A18R1831 A18R1840 A18R1842 A18R1844		4
R 91	293D225X9020B2T		2	CAPACITOR, FIXED, 2.2UF, 10%, 20V (V14659) 834-2008-100 A18C1813		1
R 93	293D475X9010B2T		2	CAPACITOR, FIXED, 4.7UF, 10%, 10V (V14659) 834-2008-140 A18C1831		1
R 95	293D106X9016C2T		2	CAPACITOR, FIXED, 10UF, 10%, 16V (V14659) 834-2008-190 A18C1805 A18C1851		2
R 97	12065C102KAT050		2	CAPACITOR, FIXED, CER, 1000PF, 10%, 50V (V96095) 834-5005-130 A18C1806 A18C1819 A18C1821 A18C1823 A18C1825 A18C1829 A18C1834 A18C1836 A18C1848 A18C1849 A18C1856		11
R 99	12065C103KAT050		2	CAPACITOR, FIXED, CER, 10,000PF, 10%, 50V (V96095) 834-5005-250 A18C1801 A18C1803 A18C1815 A18C1818 A18C1822 A18C1826 A18C1827 A18C1828 A18C1835 A18C1838 A18C1839 A18C1842 A18C1843 A18C1844 A18C1847 A18C1852 A18C1854		17
R 101	12105V104KAT050		2	CAPACITOR, FIXED, CER, 100,000PF, 10%, 50V (V96095) 834-5005-570 A18C1804 A18C1808 A18C1814 A18C1820 A18C1840 A18C1850		6
R 103	18125C334KAT050		2	CAPACITOR, FIXED, CER, 330,000PF, 10%, 50V (V96095) 834-5005-790 A18C1841 A18C1855		2
R 105	18255C474KAT050		2	CAPACITOR, FIXED, CER, 470,000PF, 10%, 50V (V96095) 834-5005-950 A18C1846		1
R 107	LM317MDT		2	MICROCIRCUIT (ESDS) (V04713) 835-0088-010 A18U1806		1
R 109	1006		2	MICROCIRCUIT (ESDS) (V64155) 835-0247-010 A18U1812		1

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	IN DENT	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 34 111	831-3053-001		2	MICROCIRCUIT, MODIFIED A18U1819		1
R -112	CY7C291AL35JI		3	MICROCIRCUIT (ESDS) (V65786) 835-2012-040		1
R 113	MMBT2369		2	TRANSISTOR (V04713) 843-9113-010 A18Q1801		1
R 115	M83446-10-94F		2	COIL, RF, 4.7UH (V81349) 849-0002-330 A18L1807		1
R 117	1812-221K		2	COIL, .22UH (V99800) 849-0025-050 A18L1804		1
R 119	1812-332K		2	COIL, 3.3UH (V99800) 849-0025-190 A18L1802 A18L1803		2
R 121	1812-103K		2	COIL, 10UH (V99800) 849-0025-250 A18L1801		1
R 123	1812-104K		2	COIL, 100UH (V99800) 849-0025-370 A18L1806 A18L1808 A18L1809 A18L1810		4
R 125	08055A100JAT050		2	CAPACITOR, FIXED CER DIEL, 10PF, 5%, 50V (V04222) 913-3667-030 A18C1824		1
R 127	18085A331JAT060		2	CAPACITOR, FIXED CER DIEL, 330PF, 5%, 50V (V04222) 913-3667-190 A18C1810		1
R 129	18085A391JAT060		2	CAPACITOR, FIXED CER DIEL, 390PF, 5%, 50V (V04222) 913-3667-210 A18C1809		1
R 131	BB409T		2	DIODE (V25088) 922-6106-020 A18CR1802 A18CR1803		2
R 133	HCT74		2	MICROCIRCUIT (ESDS) (V01295) 835-3607-030 A18U1811		1
R 135	293D475X9025C2T		2	CAPACITOR, FIXED, 4.7UF, 10%, 25V (V14659) 834-2008-150 A18C1812 A18C1816 A18C1830 A18C1832		5

- ITEM NOT ILLUSTRATED

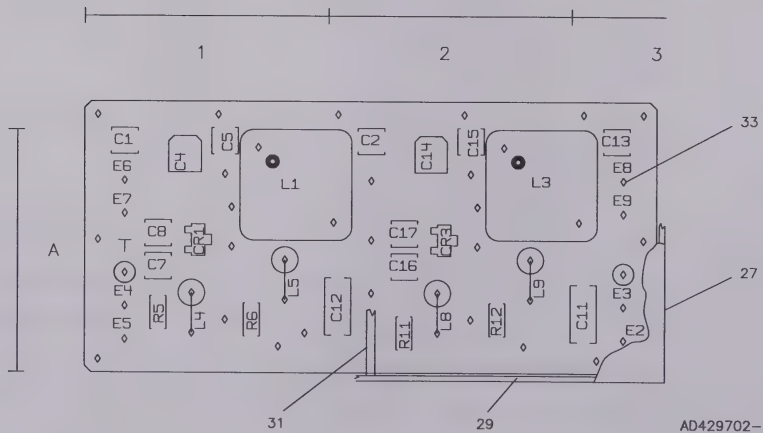
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

REF		ITEM
<u>DES</u>	<u>GEO LOC</u>	<u>NO</u>
C1	A-1	19
C11	A-2	13
C12	A-2	13
C13	A-3	21
C14	A-2	5
C15	A-2	23
C16	A-2	25
C17	A-2	17
C2	A-2	15
C4	A-1	5
C5	A-1	23
C7	A-1	25
C8	A-1	17
CR1	A-1	7
CR3	A-2	7
L1	A-1	11
L3	A-2	11
L4	A-1	9
L5	A-1	9
L8	A-2	9
L9	A-2	9
R11	A-2	3
R12	A-2	3
R5	A-1	3
R6	A-1	3

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* DESIGNATES BACKSIDE COMPONENTS.



COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	I N D E N T	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 35-1	828-2709-001		1	CIRCUIT CARD, 2-POLE BANDPASS FILTER A24 (SEE FIG 32-23 FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	9C12063A4750FKR		2	RESISTOR, FIXED FILM, 475 OHMS, 1%, 125MW (V80031) 705-3535-730 A24R11 A24R12 A24R5 A24R6		4
R 5	JR100		2	CAPACITOR, VARIABLE (V18736) 834-9008-010 A24C14 A24C4		2
R 7	HSMP3824		2	DIODE (V50434) 844-2001-050 A24CR1 A24CR3		2
R 9	MS75084-08		2	COIL, RF, 4.70UH (V96906) 240-2031-000 A24L4 A24L5 A24L8 A24L9		4
R 11	SK9100202		2	COIL, FIXED, RF (V56402) 849-0014-020 A24L1 A24L3		2
R 13	18085A102JAT060		2	CAPACITOR, FIXED CER DIEI, 1000PF, 5%, 50V (V04222) 913-3667-270 A24C11 A24C12		2
R 15	ATC100A1R5BP50X		2	CAPACITOR, FIXED CER DIEI, 1.5PF, PORM 0.1PF, 50V (V29990) 914-3500-020 A24C2		1
R 17	ATC100A4R7BP50X		2	CAPACITOR, FIXED CER DIEI, 4.7PF, PORM 0.1PF, 50V (V29990) 914-3500-460 A24C17 A24C8		2
R 19	ATC100A6R8BP50X		2	CAPACITOR, FIXED CER DIEI, 6.8PF, PORM 0.1PF, 150V (V29990) 914-3500-100 A24C1		1
R 21	ATC100A7R5BP50X		2	CAPACITOR, FIXED CER DIEI, 7.5PF, PORM 0.1PF, 50V (V29990) 914-3500-110 A24C13		1
R 23	ATC100A220JP50X		2	CAPACITOR, FIXED CER DIEI, 22PF, 5%, 50V (V29990) 914-3500-210 A24C15 A24C5		2
R 25	ATC100A2R7BP50X		2	CAPACITOR, FIXED CER DIEI, 2.7PF, PORM 0.1PF, 50V (V29990) 914-3500-440 A24C16 A24C7		2
R 27	628-9705-001		2	COVER, SHIELD		1
R 29	628-9707-001		2	SHIELD, RF		1
R 31	628-9708-001		2	DIVIDER, SHIELD		1
R 33	NA1104-026		2	CONTACT, ELECTRICAL (V57863) 372-2601-026		8

- ITEM NOT ILLUSTRATED

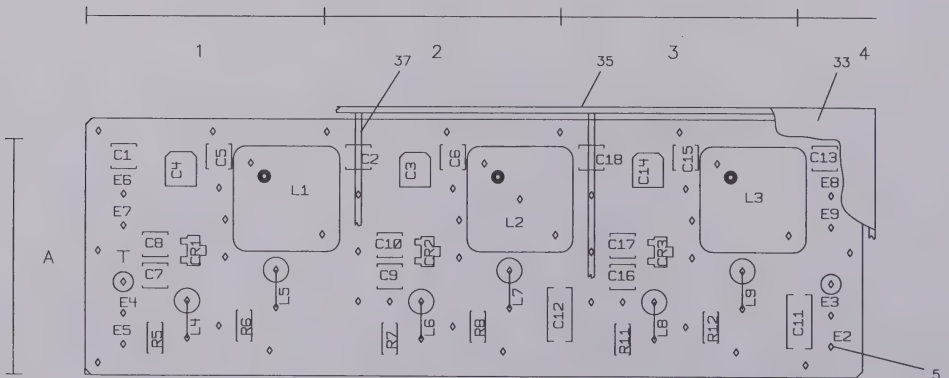
COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
 51RV-4/4()/5/5() VOR/ILS Navigation Receiver
 PART NO 622-3255-001

DETAILED PARTS LIST

REF DES	GEO LOC	ITEM NO
C1	A-1	19
C10	A-2	31
C11	A-3	15
C12	A-2	15
C13	A-4	21
C14	A-3	9
C15	A-3	23
C16	A-3	29
C17	A-3	31
C18	A-3	17
C2	A-2	27
C3	A-2	9
C4	A-1	9
C5	A-1	23
C6	A-2	25
C7	A-1	29
C8	A-1	31
C9	A-2	29
CR1	A-1	11
CR2	A-2	11
CR3	A-3	11
L1	A-1	13
L2	A-2	13
L3	A-3	13
L4	A-1	3
L5	A-1	3
L6	A-2	3
L7	A-2	3
L8	A-3	3
L9	A-3	3
R11	A-3	7
R12	A-3	7
R5	A-1	7
R6	A-1	7
R7	A-2	7
R8	A-2	7

AD429601A

* DESIGNATES BACKSIDE COMPONENTS.



AD429602-

3-Pole Bandpass Filter Circuit Card A23
 Figure 36

COLLINS AIR TRANSPORT DIVISION
ILLUSTRATED PARTS CATALOG
51RV-4/4()/5/5() VOR/ILS Navigation Receiver
PART NO 622-3255-001

DETAILED PARTS LIST

FIG-ITEM	PART NUMBER	AIRLINE PART NO	QUANTITY	NOMENCLATURE	EFFECT CODE	UNITS PER ASSY
R 36-1	828-2710-001		1	CIRCUIT CARD, 3-POLE BANDPASS FILTER A23 (SEE FIG 32-21 FOR NHA)	AA,AB,AC AD,AE,AF AG,AH,AJ AK,AL,AM AN,AP,AQ AR,AS,AT AU,AV,AW AX,AY,AZ	RF
R 3	MS75084-08		2	COIL, RF, 4.70UH (V96906) 240-2031-000 A23L4 A23L5 A23L6 A23L7 A23L8 A23L9		6
R 5	NA1104-026		2	CONTACT, ELECTRICAL (V57863) 372-2601-026		8
R 7	9C12063A4750FKR		2	RESISTOR, FIXED FILM, 475 OHMS, 1%, 125MW (V80031) 705-3535-730 A23R11 A23R12 A23R5 A23R6 A23R7 A23R8		6
R 9	JR100		2	CAPACITOR, VARIABLE (V18736) 834-9008-010 A23C14 A23C3 A23C4		3
R 11	HSMP3824		2	DIODE (V50434) 844-2001-050 A23CR1 A23CR2 A23CR3		3
R 13	SK9100202		2	COIL, FIXED, RF (V56402) 849-0014-020 A23L1 A23L2 A23L3		3
R 15	18085A102JAT060		2	CAPACITOR, FIXED CER DIEL, 1000PF, 5%, 50V (V04222) 913-3667-270 A23C11 A23C12		2
R 17	ATC100A1R5BP50X		2	CAPACITOR, FIXED CER DIEL, 1.5PF, PORM 0.1PF, 50V (V29990) 914-3500-020 A23C18		1
R 19	ATC100A6R8BP50X		2	CAPACITOR, FIXED CER DIEL, 6.8PF, PORM 0.1PF, 150V (V29990) 914-3500-100 A23C1		1
R 21	ATC100A7R5BP50X		2	CAPACITOR, FIXED CER DIEL, 7.5PF, PORM 0.1PF, 50V (V29990) 914-3500-110 A23C13		1
R 23	ATC100A220JP50X		2	CAPACITOR, FIXED CER DIEL, 22PF, 5%, 50V (V29990) 914-3500-210 A23C15 A23C5		2
R 25	ATC100A270JP50X		2	CAPACITOR, FIXED CER DIEL, 27PF, 5%, 50V (V29990) 914-3500-230 A23C6		1
R 27	ATC100A1R3CP50X		2	CAPACITOR, FIXED CER DIEL, 1.3PF, PORM 0.25PF, 50V (V29990) 914-3500-400 A23C2		1
R 29	ATC100A2R7BP50X		2	CAPACITOR, FIXED CER DIEL, 2.7PF, PORM 0.1PF, 50V (V29990) 914-3500-440 A23C16 A23C7 A23C9		3
R 31	ATC100A4R7BP50X		2	CAPACITOR, FIXED CER DIEL, 4.7PF, PORM 0.1PF, 50V (V29990) 914-3500-460 A23C10 A23C17 A23C8		3
R 33	628-9704-001		2	COVER, SHIELD		1
R 35	628-9706-001		2	SHIELD, RF		1
R 37	628-9708-001		2	DIVIDER, SHIELD		1

- ITEM NOT ILLUSTRATED

